













# THE UNIVERSITY OF MISSOURI BULLETIN

VOLUME 23, NUMBER 13

---

GENERAL SERIES

1922, No. 12

## CATALOG

EIGHTIETH REPORT OF THE CURATORS  
TO THE GOVERNOR OF THE  
STATE, 1921-1922

UNIVERSITY OF ILLINOIS LIBRARY  
JUL 18 1922



ANNOUNCEMENTS 1922-1923

---

ISSUED THREE TIMES MONTHLY; ENTERED AS SECOND-CLASS MATTER AT THE  
POSTOFFICE AT COLUMBIA, MISSOURI—30,000.

MAY, 1922

# CALENDAR, 1922

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	5	6	7	8	9	10	11	5	6	7	8	9	10	11	2	3	4	5	6	7	8
8	9	10	11	12	13	14	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
15	16	17	18	19	20	21	19	20	21	22	23	24	25	19	20	21	22	23	24	25	16	17	18	19	20	21	22
22	23	24	25	26	27	28	26	27	28	..	..	..	..	26	27	28	29	30	31	..	23	24	25	26	27	28	29
29	30	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	..	..	..	..	..	..

May							June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31	..	..	..	25	26	27	28	29	30	..	23	24	25	26	27	28	29	27	28	29	30	31	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	31	..	..	..	..	..	..	..	..	..	..	..	..

September							October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	29	30	31	..	..	..	..	26	27	28	29	30	..	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	..	..	..	..	..	..

# CALENDAR, 1923

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31	..	..	..	25	26	27	28	..	..	..	25	26	27	28	29	30	31	29	30	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

May							June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	3	4	5	6	7	8	9	1	2	3	4	5	6	7	1	2	3	4	5	6	7
6	7	8	9	10	11	12	10	11	12	13	14	15	16	8	9	10	11	12	13	14	5	6	7	8	9	10	11
13	14	15	16	17	18	19	17	18	19	20	21	22	23	15	16	17	18	19	20	21	12	13	14	15	16	17	18
20	21	22	23	24	25	26	14	15	16	17	18	19	20	22	23	24	25	26	27	28	19	20	21	22	23	24	25
27	28	29	30	31	..	..	24	25	26	27	28	29	30	29	30	31	..	..	..	..	26	27	28	29	30	31	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

September							October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
2	3	4	5	6	7	8	1	2	3	4	5	6	7	1	2	3	4	5	6	7	2	3	4	5	6	7	8
9	10	11	12	13	14	15	7	8	9	10	11	12	13	8	9	10	11	12	13	14	9	10	11	12	13	14	15
16	17	18	19	20	21	22	14	15	16	17	18	19	20	11	12	13	14	15	16	17	16	17	18	19	20	21	22
23	24	25	26	27	28	29	21	22	23	24	25	26	27	18	19	20	21	22	23	24	23	24	25	26	27	28	29
30	..	..	..	..	..	..	28	29	30	31	..	..	..	25	26	27	28	29	30	..	30	31	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..



# UNIVERSITY CALENDAR

## AT COLUMBIA

**1922**

*Fall Term*

August 28.....	Monday, entrance examinations
August 29, 30.....	Tuesday, Wednesday, registration
August 31.....	Thursday, 8 a. m., class work begins
October 30.....	Monday, 8 a. m., to } First term, two-year
December 20.....	Wednesday, 4 p. m. } winter course in Agr.
November 30.....	Thursday, Thanksgiving Day, holiday
December 20.....	Wednesday, 4 p. m., fall term closes

*Winter Term*

December 29, 30.....	Friday, Saturday, registration
----------------------	--------------------------------

**1923**

January 1.....	Monday, 8 a. m., class work begins
January 1.....	Monday, 8 a. m., to } Second term, two-year
February 23.....	Friday, noon } winter course in Agr.
April 22.....	Sunday, Baccalaureate Address
April 25.....	Wednesday, Commencement Day

*Spring-Summer Term*

April 26.....	Thursday, term opens
June 16.....	Saturday, noon, first half of term ends
June 18.....	Monday, 8 a. m., second half of term begins
July 4.....	Wednesday, Independence Day
August 11.....	Saturday, noon, spring-summer term ends

## AT ROLLA

**1922**

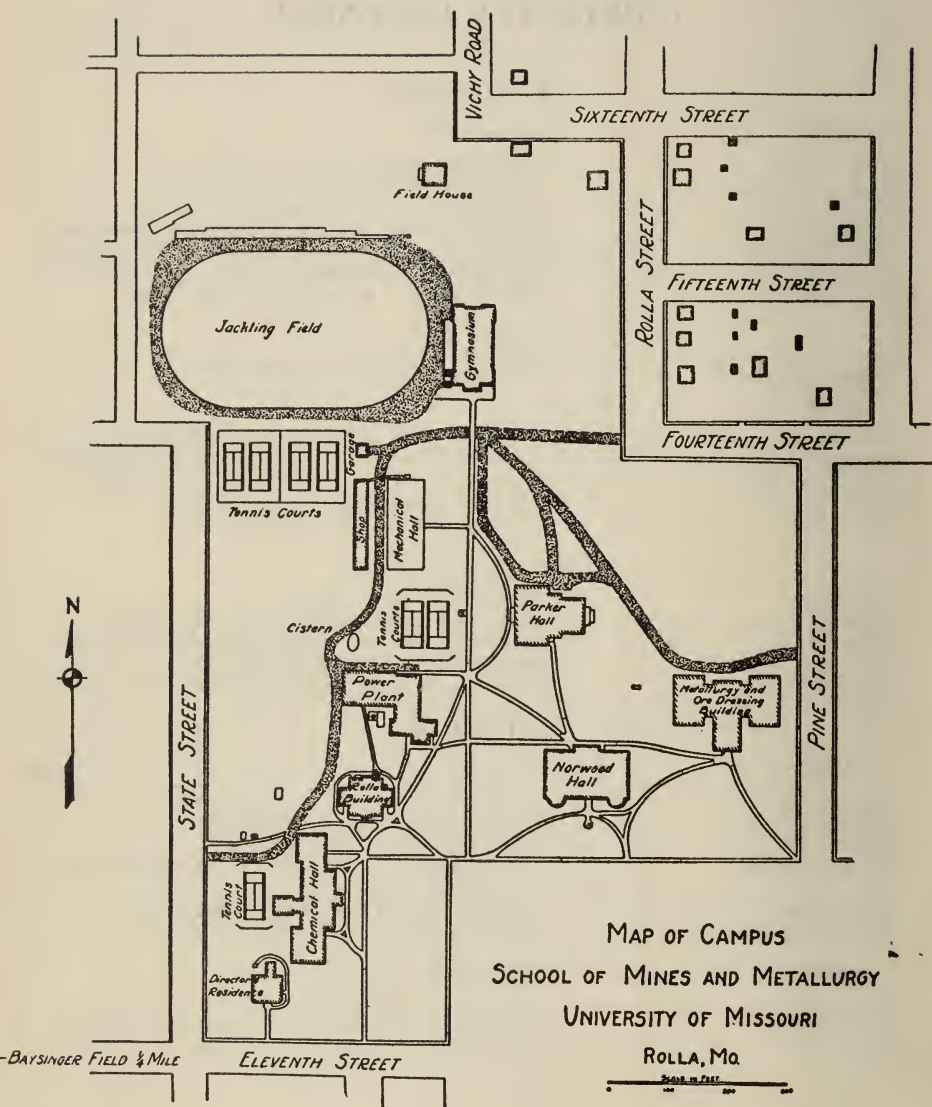
*Fall Term*

August 23.....	Wednesday, entrance examinations
August 25, 26.....	Friday, Saturday, registration
August 28.....	Monday, class work begins
November 29.....	Wednesday, 4 p. m., Thanksgiving holidays begin
December 3.....	Sunday, Thanksgiving holidays end
December 22.....	Friday, 4 p. m., fall term closes

**1923**

*Winter Term*

January 2.....	Tuesday, registration
February 22.....	Thursday, Washington's Birthday, holiday
May 5.....	Saturday, Commencement Day





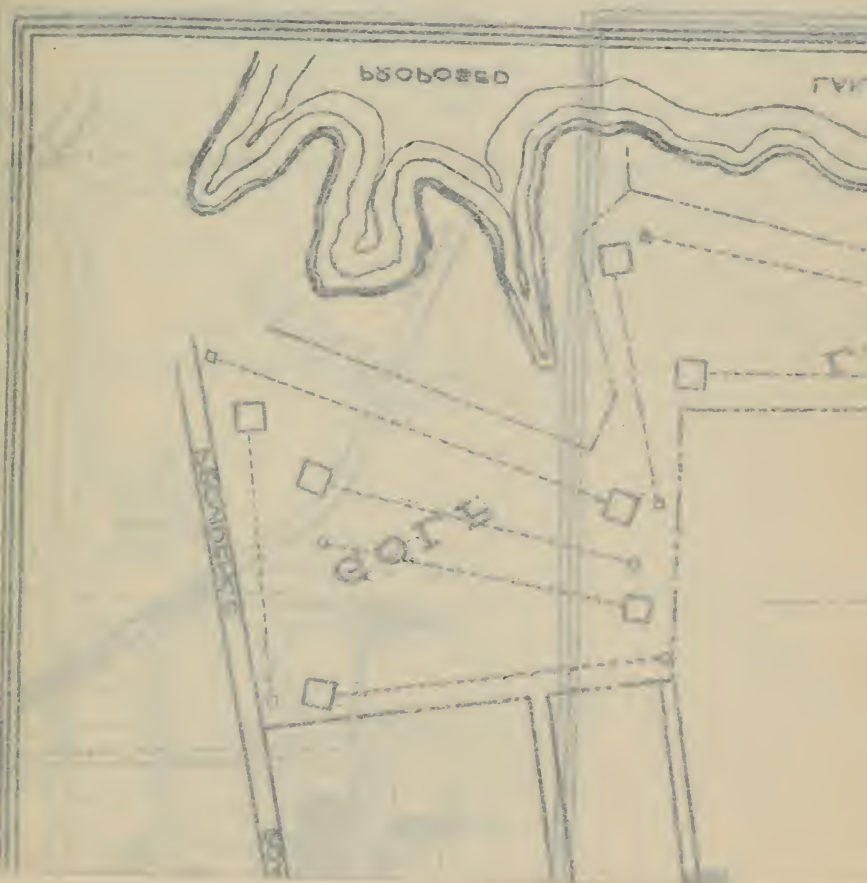
# UNIVERSITY

## SOUTH CAMPUS

### MAP

TO JANUARY 1980

- 1. JAMES M. ...
- 2. ...
- 3. ...
- 4. ...
- 5. ...
- 6. ...
- 7. ...
- 8. ...
- 9. ...
- 10. ...
- 11. ...
- 12. ...
- 13. ...
- 14. ...
- 15. ...
- 16. ...
- 17. ...
- 18. ...
- 19. ...
- 20. ...
- 21. ...
- 22. ...
- 23. ...
- 24. ...
- 25. ...
- 26. ...
- 27. ...
- 28. ...
- 29. ...
- 30. ...
- 31. ...
- 32. ...
- 33. ...
- 34. ...
- 35. ...
- 36. ...
- 37. ...
- 38. ...
- 39. ...
- 40. ...
- 41. ...
- 42. ...
- 43. ...
- 44. ...
- 45. ...
- 46. ...
- 47. ...
- 48. ...
- 49. ...
- 50. ...
- 51. ...
- 52. ...
- 53. ...
- 54. ...
- 55. ...
- 56. ...
- 57. ...
- 58. ...
- 59. ...
- 60. ...
- 61. ...
- 62. ...
- 63. ...
- 64. ...
- 65. ...
- 66. ...
- 67. ...
- 68. ...
- 69. ...
- 70. ...
- 71. ...
- 72. ...
- 73. ...
- 74. ...
- 75. ...
- 76. ...
- 77. ...
- 78. ...
- 79. ...
- 80. ...
- 81. ...
- 82. ...
- 83. ...
- 84. ...
- 85. ...
- 86. ...
- 87. ...
- 88. ...
- 89. ...
- 90. ...
- 91. ...
- 92. ...
- 93. ...
- 94. ...
- 95. ...
- 96. ...
- 97. ...
- 98. ...
- 99. ...
- 100. ...



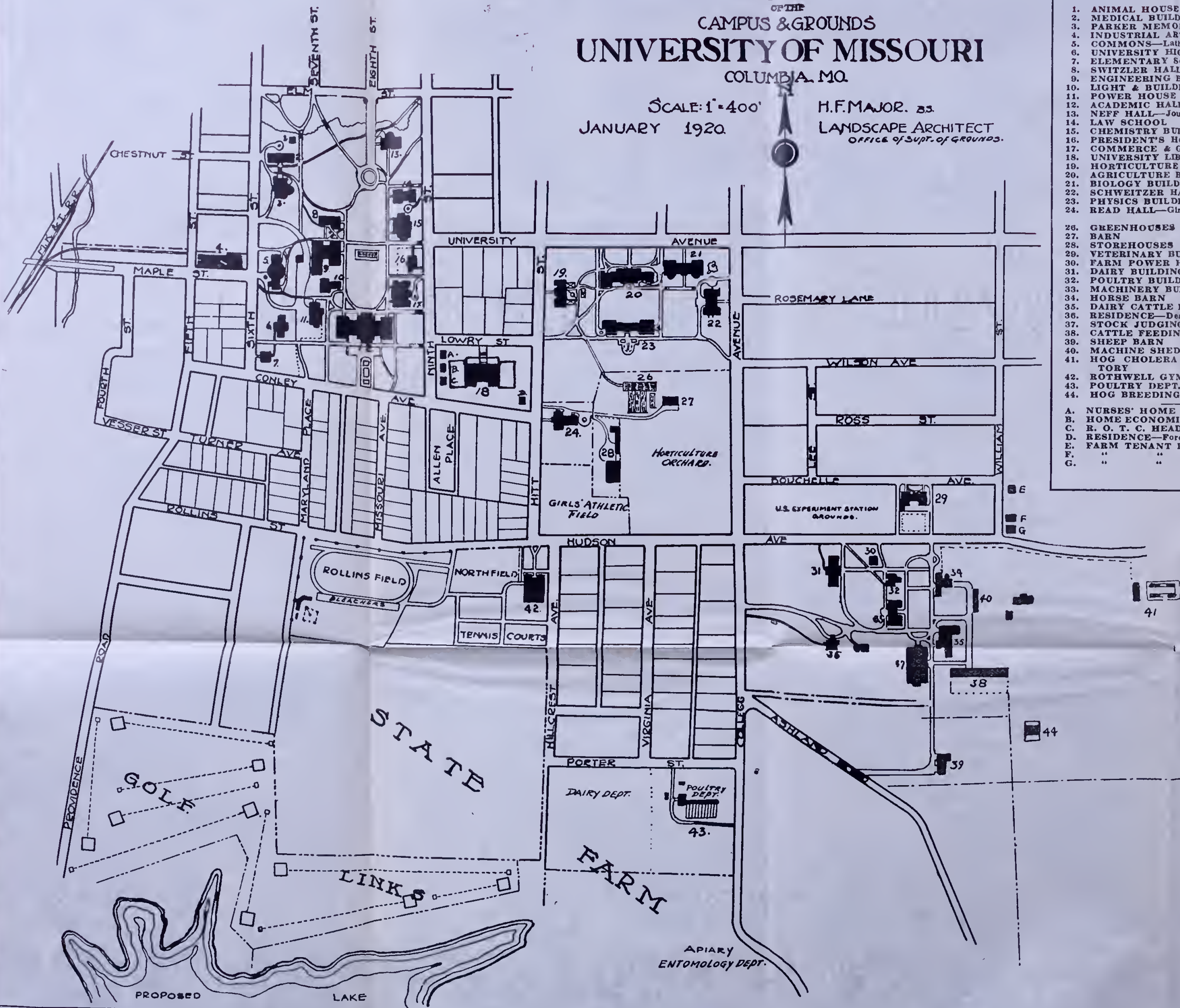
MAP  
OF THE  
CAMPUS & GROUNDS  
**UNIVERSITY OF MISSOURI**  
COLUMBIA, MO.

Scale: 1" = 400'  
JANUARY 1920.

H.F. MAJOR, 25.  
LANDSCAPE ARCHITECT  
OFFICE of Supt. of Grounds.

LEGEND.

1. ANIMAL HOUSE
2. MEDICAL BUILDING
3. PARKER MEMORIAL HOSPITAL
4. INDUSTRIAL ARTS
5. COMMONS—Lathrop Hall
6. UNIVERSITY HIGH SCHOOL
7. ELEMENTARY SCHOOL
8. SWITZLER HALL
9. ENGINEERING BUILDING
10. LIGHT & BUILDINGS DEPT.
11. POWER HOUSE
12. ACADEMIC HALL
13. NEFF HALL—Journalism
14. LAW SCHOOL
15. CHEMISTRY BUILDING
16. PRESIDENT'S HOUSE
17. COMMERCE & GEOLOGY BLDG.
18. UNIVERSITY LIBRARY
19. HORTICULTURE BUILDING
20. AGRICULTURE BUILDING
21. BIOLOGY BUILDING
22. SCHWEITZER HALL—Agr. Chem.
23. PHYSICS BUILDING
24. READ HALL—Girls' Dormitory
26. GREENHOUSES
27. BARN
28. STOREHOUSES
29. VETERINARY BUILDING
30. FARM POWER HOUSE
31. DAIRY BUILDING
32. POULTRY BUILDING
33. MACHINERY BUILDING
34. HORSE BARN
35. DAIRY CATTLE BARN
36. RESIDENCE—Dean of College of Agr.
37. STOCK JUDGING PAVILION
38. CATTLE FEEDING SHEDS
39. SHEEP BARN
40. MACHINE SHEDS
41. HOG CHOLERA SERUM LABORATORY
42. ROTHWELL GYMNASIUM
43. POULTRY DEPT. BLDGS.
44. HOG BREEDING BARN
- A. NURSES' HOME
- B. HOME ECONOMICS—Practice House
- C. R. O. T. C. HEADQUARTERS
- D. RESIDENCE—Foreman of Grounds.
- E. FARM TENANT HOUSE
- F. " " "
- G. " " "





## TABLE OF CONTENTS

---

	Page
OFFICERS OF INSTRUCTION AND ADMINISTRATION.....	7
SECTION I. GENERAL INFORMATION.....	16
SECTION II. THE SCHOOLS AND COLLEGES	
College of Arts and Science.....	67
College of Agriculture.....	72
Agricultural Experiment Station.....	90
Agricultural Extension Service.....	92
School of Education.....	96
School of Law.....	105
School of Medicine.....	109
School of Engineering.....	116
Engineering Experiment Station.....	127
School of Journalism.....	129
School of Business and Public Administration.....	131
Graduate School.....	137
Extension Division.....	140
Missouri State Military School.....	146
Spring-Summer Term.....	149
SECTION III. STATEMENT OF COURSES.....	150
SECTION IV. SCHOOL OF MINES AND METALLURGY.....	217
SECTION V. LIST OF STUDENTS.....	258
Summary of Enrollment.....	342
Degrees and Certificates, 1921.....	343

# CORPORATION

---

## THE BOARD OF CURATORS

TERM EXPIRES JANUARY 1, 1923

G. E. MUNS.....	Montgomery City
P. E. BURTON.....x.....	Joplin
MILTON TOOTLE, JR.....	St. Joseph

TERM EXPIRES JANUARY 1, 1925

S. L. BAYSINGER.....	Rolla
JAMES E. GOODRICH.....	Kansas City
H. J. BLANTON.....	Paris

TERM EXPIRES JANUARY 1, 1927

E. LANSING RAY.....	St. Louis
FRANK M. McDAVID.....	Springfield
GEORGE L. EDWARDS.....	St. Louis

---

## OFFICERS OF THE BOARD

JAMES E. GOODRICH.....	President
P. E. BURTON.....	Vice-President
LESLIE COWAN.....	Secretary
R. B. PRICE.....	Treasurer

## THE EXECUTIVE BOARD AT COLUMBIA

E. LANSING RAY, Chairman.....	St. Louis
H. J. BLANTON.....	Paris
P. E. BURTON.....	Joplin

## THE EXECUTIVE COMMITTEE AT ROLLA

S. L. BAYSINGER, Chairman.....	Rolla
FRANK M. McDAVID.....	Springfield
G. E. MUNS.....	Montgomery City
EDWARD KAHLBAUM, Secretary.....	Rolla
EUGENE J. CAMPBELL, Treasurer.....	Rolla

---

## THE BOARD OF VISITORS

CHARLES BAIRD, Chairman.....	Kansas City
W. P. BRINKLEY.....	Linneus
JOHN F. CASE.....	Wright City
ALEX E. DOUGLASS.....	Kansas City
CHARLES E. PRETTYMAN, JR.....	Neosho



## OFFICERS OF INSTRUCTION AND ADMINISTRATION

Names marked with an "\*" are names of officers or members of the Faculty on leave of absence; names marked with a "†" are names of officers or members of the Faculty of the School of Mines and Metallurgy at Rolla.

### FACULTY

JOHN CARLETON JONES, A. B., A. M., Ph. D., LL. D.,  
President, Professor of Latin.

EDWARD ARCHIBALD ALLEN, Litt. D., LL. D., Emeritus Professor of English Language and Literature.

HERMANN BENJAMIN ALMSTEDT, B. L., Ph. D., Professor of Germanic Languages and of the Teaching of German.

JOHN SITES ANKENY, A. B., Professor of the Theory and Practice of Art.

ROBERT HORACE BAKER, A. B., A. M., Ph. D., Professor of Astronomy, Director of the Observatory.

†JOSEPH WAYNE BARLEY, A. B., A. M., Ph. D., Professor of English and Modern Languages.

HENRY MARVIN BELDEN, A. B., Ph. D., Professor of English.

†WARREN SCOTT BOYCE, A. B., A. M., Ph. D., Professor of Economics.

EDWIN BAYER BRANSON, A. B., A. M., Ph. D., Professor of Geology.

HARRY GUNNISON BROWN, A. B., Ph. D., Professor of Economics.

SIDNEY CALVERT, B. Sc., A. M., Professor of Organic Chemistry.

ELIOT ROUND CLARK, A. B., M. D., Professor of Anatomy.

†CHARLES YANCEY CLAYTON, B. S. in Met., Met. E., Professor of Metallurgy and Ore Dressing.

ZORA GOODWIN CLEVINGER, Professor of Physical Education and Director of Athletics.

DUDLEY STEELE CONLEY, B. L., M. D., Professor in the Department of Clinical Medicine and Surgery.

JOHN WALDO CONNAWAY, D. V. S., M. D., Professor of Veterinary and Comparative Medicine, Veterinarian to the Agricultural Experiment Station.

†CHARLES EDWARD COOKE, Professor of Topographic Engineering.

JESSE HARLIAMAN COURSAULT, A. B., A. M., Ph. D., Professor of the History and Philosophy of Education, Dean of the Faculty of Education.

WINTERTON CONWAY CURTIS, A. B., A. M., Ph. D., Professor of Zoology and of the Teaching of Zoology.

†CHARLES LAURENCE DAKE, A. B., A. M., Ph. D., Professor of Geology and Mineralogy.

†GEORGE REINALD DEAN, B. S., C. E., Professor of Mathematics.

LUTHER MARION DEFOE, A. B., Professor of Mechanics in Engineering.

DAVID HOUGH DOLLEY, A. B., A. M., M. D., Professor of Pathology.

JOSEPH DOLIVER ELLIFF, A. B., A. M., Professor of High School Administration, High School Visitor.

CHARLES A. ELLWOOD, Ph. B., Ph. D., Professor of Sociology.

WILLIAM CARLYLE ETHERIDGE, B. S. in Agr., M. S., Ph. D., Professor of Field Crops.

ARTHUR HENRY ROLPH FAIRCHILD, A. B., A. M., Ph. D., Professor of English.

†CARROLL RALPH FORBES, S. B., E. M., Professor in Mining.

†CHARLES HERMAN FULTON, E. M., D. Sc., Director of the School of Mines and Metallurgy.

VICTOR RAY GARDNER, B. S., M. S. A., Professor of Horticulture.

†LEON ELLIS GARRETT, B. S., Professor of Mechanics.

†HARVEY ODEN GARST, B. S., Professor of Highway Engineering.

CHARLES WILSON GREENE, A. B., A. M., Ph. D., Professor of Physiology and Pharmacology.

ADDISON GULICK, A. B., A. M., Ph. D., Professor of Physiological Chemistry.

†ELMO GOLIGHTLY HARRIS, C. E., Professor of Civil Engineering.

LEONARD HASEMAN, A. B., A. M., Ph. D., Professor of Entomology, Entomologist to the Agricultural Experiment Station, Chief Inspector of Nurseries.

EARLE RAYMOND HEDRICK, A. B., A. M., Ph. D., Professor of Mathematics and of the Teaching of Mathematics.

ESSIE MARGARET HEYLE, Ph. B., Extension Professor of Home Economics.

H. WADE HIBBARD, A. B., A. M., M. E., Professor of Mechanical Engineering.

BENJAMIN FRANKLIN HOFFMAN, B. L., M. L., Professor of Germanic Languages.

ALBERT G. HOGAN, A. B., B. S. in Agr., Ph. D., Professor of Animal Husbandry.

JAY WILLIAM HUDSON, A. B., A. M., Ph. D., Professor of Philosophy.

†R. O. JACKSON, B. S., Professor of Mechanical Engineering.

\*ELDON REVARE JAMES, B. S., LL. B., S. J. D., Professor of Law.

OLIVER RAY JOHNSON, B. S. in Agr., A. M., Professor of Farm Management.

- HARRY LAVERNE KEMPSTER, B. S., Professor of Poultry Husbandry.
- ROBERT JOSEPH KERNER, A. B., A. M., Ph. D., Professor of Modern History.
- HENRY HERMAN KRUSEKOPF, B. S., A. M., Professor of Soils.
- STEPHEN IVES LANGMAID, A. B., A. M., LL. B., Professor of Law.
- ALEXANDER CARTWRIGHT LANIER, B. S. in E. E., M. E., M. E. E., Professor of Electrical Engineering.
- GEORGE LEFEVRE, A. B., Ph. D., Professor of Zoology.
- ISIDOR LOEB, B. S., M. S., LL. B., Ph. D., Professor of Political Science and Public Law, Dean of the Faculty of Business and Public Administration.
- ANDREW WALKER MCALESTER, A. B., M. D., A. M., LL. D., Emeritus Professor of Surgery.
- JAMES PATTERSON MCBAIN, LL. B., Professor of Law, Dean of the Faculty of Law.
- ELMER JAMES MCCAUSTLAND, C. E., M. C. E., Professor of Sanitary Engineering, Dean of the Faculty of Engineering, Director of the Engineering Experiment Station.
- †AUSTIN LEE MCRAE, B. S., S. D., Emeritus Professor of Physics.
- GEORGE BENJAMIN MANGOLD, A. B., A. M., Ph. D., Director, Missouri School of Social Economy, St. Louis.
- WILLIAM GWATHMEY MANLY, A. M., Professor of Greek Language and Literature.
- FRANK LEE MARTIN, A. B., Professor of Theory and Practice of Journalism.
- EDITH HEDGES MATZKE, M. D., D. P. H., Professor in the Department of Clinical Medicine and Surgery.
- \*JUNIUS LATHROP MERIAM, A. B., A. M., Ph. D., Professor of School Supervision.
- ARTHUR JOHN MEYER, B. S. in Agr., Director of the Agricultural Extension Service.
- MAX F. MEYER, Ph. D., Professor of Experimental Psychology.
- MERRITT FINLEY MILLER, B. S. in Agr., M. S. A., Professor of Soils.
- WALTER MILLER, A. M., LL. D., Professor of Latin and of the Teaching of Latin, Dean of the Graduate Faculty.
- E. L. MORGAN, A. B., A. M., Professor of Rural Sociology in Charge of Training for Rural Social Service.
- CHARLES ROBERT MOULTON, B. S. in Ch. E., M. S. in Agr., Ph. D., Professor of Agricultural Chemistry.
- FREDERICK BLACKMAR MUMFORD, B. S., M. S., Professor of Animal Husbandry, Dean of the Faculty of Agriculture, Director of the Agricultural Experiment Station.
- GUY DORIC NEWTON, B. S. in M. E., M. E., Professor of Mechanical Engineering.
- GUY LINCOLN NOYES, M. D., Professor in the Department of Clinical Medicine and Surgery, Dean of the Faculty of Medicine, Superintendent of Parker Memorial Hospital.
- JAMES LEWIS PARKS, A. B., LL. B., Professor of Law.
- WILLIAM ERNEST PERSONS, Lieutenant-Colonel, Infantry, United States Army, Professor of Military Science and Tactics.
- JOHN PICKARD, A. B., A. M., Ph. D., Professor of Classical Archaeology and History of Art, Curator of the Museums of Art and Classical Archaeology.
- WILLIAM HENRY POMMER, Professor of Music.
- ARTHUR CHESTER RAGSDALE, B. S. in Agr., Professor of Dairy Husbandry.
- ROBERT LEE RAMSAY, A. B., Ph. D., Professor of English.
- MAZYCK PORCHER RAVENEL, M. D., Professor of Medical Bacteriology and Preventive Medicine, Director of Public Health Laboratories.
- GEORGE REEDER, Lecturer on Meteorology and Climatology, Director of the Missouri Climatological Service, Meteorologist, United States Weather Bureau.
- HERBERT MEREDITH REESE, A. B., Ph. D., Professor of Physics.
- WILLIAM JACOB ROBBINS, A. B., Ph. D., Professor of Botany.
- THOMAS JACOB RODHOUSE, B. S. in C. E., M. C. E., Professor of Hydraulic Engineering.
- GEORGE HOLLAND SABINE, A. B., Ph. D., Professor of Philosophy.
- HERMAN SCHLUNDT, B. S., M. S., Ph. D., Professor of Physical Chemistry and of the Teaching of Chemistry.
- DR SCOTT, A. B., B. S. in J., Professor of Economics.
- JOHN RUTLEDGE SCOTT, A. B., A. M., Emeritus Professor of Elocution.
- KENNETH CRADDOCK SEARS, A. B., J. D., Professor of Law.
- ROBERT WASHINGTON SELVIDGE, B. S., A. M., Professor of Industrial Education.
- HENRY ORMAL SEVERANCE, A. B., A. M., Librarian.
- THEODORE EDWARD SEXAUER, B. S. A., B. S. in Agr. Ed., M. S., Professor of Agricultural Education.
- JAMES WIGGINS SIMONTON, A. B., J. D., Professor of Law.
- FREDERICK PUTNAM SPALDING, C. E., Professor of Civil Engineering.
- LOUISE STANLEY, B. S., B. Ed., A. M., Ph. D., Professor of Home Economics.
- FRANK FLETCHER STEPHENS, Ph. B., Ph. M., Ph. D., Professor of American History.
- OSCAR MILTON STEWART, Ph. B., Ph. D., Professor of Physics and of the Teaching of Physics.
- DAN GISH STINE, A. B., M. D., Professor in the Department of Clinical Medicine and Surgery.
- WILLIAM ARTHUR TARR, B. S., B. S. in M. E., Ph. D., Professor of Geology.
- FREDERICK MONROE TISDEL, A. B., A. M., Ph. D., Professor of English, Dean of the College of Arts and Science.
- THOMAS SYLVESTER TOWNSLEY, B. S. in Agr., Extension Professor of Poultry Husbandry.
- NORMAN MACLAREN TRENHOLME, A. B., A. M., Ph. D., Professor of History and of the Teaching of History.
- EDWIN A. TROWBRIDGE, B. S. in Agr., Professor of Animal Husbandry.
- †WILLIAM DE GARMO TURNER, B. S., Ph. D., Professor of Chemistry.
- JONAS VILES, A. B., A. M., Ph. D., Professor of American History.
- LUTHER ABRAHAM WEAVER, B. S. in Agr., Professor of Animal Husbandry.
- WILHELMUS DAVID ALLEN WESTFALL, A. B., Ph. D., Professor of Mathematics.
- CHARLES HAMILTON WILLIAMS, A. B., B. S. in Ed., Director of University Extension.



WALTER WILLIAMS, LL. D., Professor of History and Principles of Journalism, Dean of the Faculty of Journalism.

WALTER SCOTT WILLIAMS, C. E., Professor of Topographic Engineering.

†LEON ELMER WOODMAN, A. B., A. M., Ph. D., Professor of Physics.

JOHN COCHRAN WOOLEY, B. S. in A. E., Professor of Agricultural Engineering.

WILLIAM ALBERT ALBRECHT, A. B., B. S. in Agr., M. S. in Agr., Ph. D., Associate Professor of Soils.

JOHN VELTE ANKENY, B. S., Associate Professor of Visual Instruction and Itinerant Teaching.

†HENRY HORTON ARMSBY, B. S., C. E., Associate Professor of Civil Engineering.

LEE SELDON BACKUS, D. V. M., Associate Professor of Veterinary Science.

†THOMAS MELLOR BAINS, JR., M. E., Associate Professor of Metallurgy.

SAMUEL TILDEN BRATTON, B. S. in Ed., A. M., Associate Professor of Geology and Geography.

ARLIE GLENN CAPPS, B. S., A. M., Ph. D., Associate Professor of Education.

†FRANK EDWARD DENNIE, B. S. in C. E., Associate Professor of Physical Education and Director of Athletics.

ELLA VICTORIA DOBBS, B. S., A. M., Associate Professor of Industrial Arts.

\*FRANK LESLIE DULEY, B. S. in Agr., A. M., Associate Professor of Soils.

†HOWARD LEROY DUNLAP, B. S., A. M., Associate Professor of Chemistry.

†FLOYD HILL FRAME, A. B., Associate Professor of Electrical Engineering.

DANA WALTER FREAR, B. S. in Agr., M. S., Extension Associate Professor of Field Crops.

SAMUEL DAVID GROMER, A. B., A. M., LL. D., Associate Professor of Rural Economics.

†JOSEPH RAMON GUIERAS, E. M., Associate Professor of Mining.

LEONARD DIXON HAIGH, B. S., M. S., Ph. D., Associate Professor of Agricultural Chemistry.

ERSKINE M. HARMON, B. S. in Agr., Extension Associate Professor of Dairy Husbandry.

CHARLES ALTON HELM, B. S. in Agr., A. M., Associate Professor of Field Crops.

HENRY DAGGETT HOOKER, JR., B. A., M. A., Ph. D., Associate Professor of Horticulture.

ABRAHAM LINCOLN HYDE, Ph. B., Associate Professor of Bridge Engineering.

LOUIS INGOLD, A. B., A. M., Ph. D., Associate Professor of Mathematics.

EVA JOHNSTON, A. M., Ph. D., Associate Professor of Latin, Adviser of Women.

LOYD E. JONES, Major, Field Artillery, United States Army, Associate Professor of Military Science and Tactics.

HARRY ANDERSON LA RUE, B. S. in C. E., C. E., Associate Professor of Highway Engineering.

\*RALPH LOOMIS, B. S. in Agr., Extension Associate Professor of Farm Management, Specialist in Rural Marketing.

†CLAIR VICTOR MANN, B. S., C. E., Associate Professor of Mechanical Drawing and Descriptive Geometry.

FREDERICK A. MIDDLEBUSH, A. B., Ph. D., Associate Professor of Political Science and Public Law.

WILLIAM ALVAN MILLER, B. S. in C. E., Associate Professor of Railway Engineering.

†GARRETT A. MUILENBURG, A. B., M. S., Associate Professor of Geology and Mineralogy.

JOSEPH PLASSMEYER, Major, Cavalry, United States Army, Associate Professor of Military Science and Tactics.

JAMES WALTER RANKIN, A. B., A. M., Ph. D., Associate Professor of English.

THOMAS BRUCE ROBB, A. B., A. M., Ph. D., Associate Professor of Economics.

ADDIE DORRITT ROOT, A. B., B. S., Extension Associate Professor of Home Economics, State Home Demonstration Leader.

PAUL FRANKLIN SCHOWENGERDT, A. B., B. S. in Agr., Extension Associate Professor of Soils.

†FREDERICK WILLIAM SHAW, B. Sc., M. Sc., M. D., Associate Professor of Hygiene.

WALTER WHITTIER SWETT, B. S., A. M., Associate Professor of Dairy Husbandry.

MYRON WEBSTER WATKINS, A. B., Ph. D., Associate Professor of Economics.

MENDEL PENCO WEINBACH, A. B., B. S. in E. E., A. M., Associate Professor of Electrical Engineering.

JAMES ROY WHARTON, B. S. in M. E., M. E., Associate Professor of Mechanical Engineering.

OLIVER S. WOOD, Major, Infantry, United States Army, Associate Professor of Military Science and Tactics.

JESSE ERWIN WRENCH, A. B., Associate Professor of European History.

WILLIAM HOLLISTER BAKER, B. S. in Agr., Extension Assistant Professor, Assistant County Agent Leader.

THOMAS S. BARCLAY, A. B., A. M., Assistant Professor of Political Science.

†CLARENCE EDWARD BARDSLEY, B. S., Assistant Professor of Topographic Engineering.

HARRY SATTERLEE BILL, Assistant Professor of the Theory and Practice of Art.

SUSAN BLAKEY, A. B., B. S., Assistant Professor of Home Economics.

FREDERICK CHARLES BRADFORD, S. B., M. S., Assistant Professor of Horticulture.

†STERLING PRICE BRADLEY, B. S. in Ed., Assistant Professor of English.

†JOSIAH BRIDGE, A. B., M. S., Assistant Professor of Geology.

SAMUEL BRODY, A. B., A. M., Assistant Professor of Dairy Chemistry.

WILLIS JUDSON BURNER, A. B., A. M., Assistant Professor of Romance Languages.

GEORGE TEASDALE-BUCKELL, A. M., Assistant Professor of Medical Bacteriology in the Department of Medical Bacteriology and Preventive Medicine.

HORACE ALBERT CARDINELL, B. S. in Agr., Extension Assistant Professor of Horticulture.

CLARENCE EDGAR CARTER, B. S. in Agr., Extension Assistant Professor of Field Crops.

HARRY HAYWARD CHARLTON, A. B., A. M., Ph. D., Assistant Professor of Anatomy.



- ELIHU READ CHILDERS, B. J., Assistant Professor of Journalism.
- DONALD WALTH CHITTENDEN, B. S. in Agr., Assistant Professor of Animal Husbandry.
- IDA FRA CLARK, B. S. in H. E., Extension Assistant Professor of Home Economics.
- MELVILLE S. CREUSERE, Captain, Field Artillery, United States Army, Assistant Professor of Military Science and Tactics.
- C. LESLIE DIETZ, B. S. in Agr., Extension Assistant Professor of Soils.
- MARY VIOLETTE DOVER, A. B., M. Sc., Ph. D., Assistant Professor of Chemistry.
- WILLIAM CALDWELL DUNCHEL, B. S. in Agr., Captain, Field Artillery, United States Army, Assistant Professor of Military Science and Tactics.
- ADRIAN JACKSON DURANT, B. S. in Agr., A. M., Assistant Professor of Veterinary Science.
- MAX MAPES ELLIS, A. B., A. M., Ph. D., Assistant Professor of Physiology.
- WILLIAM HENRY EYSTER, A. B., A. M., Ph. D., Assistant Professor of Botany.
- JOHN W. FAULCONER, JR., B. S. in C. E., Captain, Field Artillery, United States Army, Assistant Professor of Military Science and Tactics.
- HERBERT E. FRENCH, A. B., A. M., Ph. D., Assistant Professor of Organic Chemistry.
- HARRY MILLER GARLOCK, B. S. in Agr., Extension Assistant Professor of Animal Husbandry.
- HELEN DOROTHY GATH, A. B., Assistant Professor of Physical Education for Women.
- ROY SAMUEL GIBSON, A. B., Captain, Infantry, United States Army, Assistant Professor of Military Science and Tactics.
- MRS. SAIDEE NOLAN HAUSMANN, R. N., Extension Assistant Professor of Health and Nursing.
- †OSCAR ADAM HENNING, A. B., A. M., Assistant Professor of German.
- EDWIN FRASER HOPKINS, B. S., Ph. D., Assistant Professor of Botany, Plant Pathologist to the Agricultural Experiment Station.
- OWEN HOWELLS, B. S., Assistant Professor of Rural Sociology.
- †EUGENE LEE JOHNSON, Ph. B., LL. B., Assistant Professor of English.
- MACK MARQUIS JONES, B. S. in E. E., Assistant Professor of Agricultural Engineering.
- PAUL V. KELLOGG, Captain, Infantry, United States Army, Assistant Professor of Military Science and Tactics.
- †KARL KENNETH KERSHNER, B. S., M. S., Assistant Professor of Chemistry.
- ROY THOMAS KIRKPATRICK, B. S. in Agr., Extension Assistant Professor of Field Crops.
- A. F. KUHLMAN, A. M., Assistant Professor of Sociology.
- JOHN PINNIX LAKE, A. B., Captain, Infantry, United States Army, Assistant Professor of Military Science and Tactics.
- SARA LAWRENCE LOCKWOOD, B. J., Assistant Professor of Journalism.
- †ISRAEL HERRICK LOVETT, S. B., Assistant Professor of Electrical Engineering.
- JOHN E. McCAMMON, First Lieutenant, Infantry, United States Army, Assistant Professor of Military Science and Tactics.
- HORACE FAIRCHILD MAJOR, B. S. A., Assistant Professor of Landscape Gardening, Superintendent of Grounds.
- WILLIS EDGAR MANEVAL, Ph. B., M. S., Ph. D., Assistant Professor of Botany.
- ROBERT STANLEY MANN, B. J., Assistant Professor of Journalism.
- †WALTER LYMAN MEDDING, B. S., Captain, Corps of Engineers, United States Army, Assistant Professor of Military Science and Tactics.
- MAURICE GOLDSMITH MEHL, B. S., Ph. D., Assistant Professor of Geology.
- †CLARENCE JOHN MONROE, B. S., Ph. D., Assistant Professor of Chemistry.
- PAUL B. NAYLOR, A. B., Extension Assistant Professor, Assistant County Agent Leader.
- †RALPH VINCENT PRITCHARD, B. S., Assistant Professor of Mathematics.
- †WILLIAM HENRY PYLE, A. B., Ph. D., Assistant Professor of Educational Psychology.
- †RYLAND FLETCHER RATLIFF, A. B., A. M., Assistant Professor of Physics.
- WILLIAM H. E. REID, B. S., M. S., Assistant Professor of Dairy Husbandry.
- WALTER STUNTZ RITCHIE, B. S. in Agr., A. M., Assistant Professor of Agricultural Chemistry.
- MARY ELIZABETH ROBINSON, B. S. in H. E., Extension Assistant Professor of Home Economics.
- JULIA MADDEN ROCHEFORD, Extension Assistant Professor of Home Economics, and Assistant Home Demonstration Leader.
- JOSEPH TOOKER ROSA, JR., B. S., M. S., Assistant Professor of Horticulture.
- MRS. JOSEPH TOOKER ROSA, JR., B. S. in Ed., A. M., Assistant Professor of Home Economics.
- WILLIAM HUMPHREY RUSK, B. S., Extension Assistant Professor of Animal Husbandry.
- JOHN SHEAY, B. S. in Agr., Extension Assistant Professor of Marketing.
- SAMUEL BRYAN SHIRKY, B. S. in Agr., A. M., Superintendent of Short Courses, Assistant to the Dean of the Faculty of Agriculture.
- HERBERT WARREN SMITH, B. S. in J., Assistant Professor of Advertising.
- LEWIS JOHN STADLER, B. S., A. M., Assistant Professor of Field Crops.
- ALLEN EDWIN STEARN, A. B., A. M., Ph. D., Assistant Professor of Chemistry.
- CAROLINE TAYLOR STEWART, A. B., A. M., Ph. D., Assistant Professor of Germanic Languages.
- HELEN MABEL STRONG, B. S., Ph. D., Assistant Professor of Geography.
- KNOWLES CLARK SULLIVAN, B. S. in Agr., A. M., Assistant Professor of Entomology, Deputy Inspector of Nurseries.
- GEORGE WASHINGTON TANNREUTHER, A. B., A. M., Ph. D., Assistant Professor of Zoology.
- MANCE TAYLOR, R. N., Assistant Professor of Nursing and Hospital Administration, Principal of the School for Nurses.
- †JOSEPH HENRY UNDERWOOD, Assistant Professor of Shop.
- ELMER ELLSWORTH VANATTA, B. S. in Agr., M. S., Assistant Professor of Agricultural Chemistry.

ROBERT L. WADDELL, B. S. in Agr., Extension Assistant Professor of Animal Husbandry.

†WILLIAM WESLEY WANAMAKER, First Lieutenant, Corps of Engineers, United States Army, Assistant Professor of Military Science and Tactics.

BERTHA K. WHIPPLE, A. M., M. S., Assistant Professor of Home Economics.

\*ELMER WOOD, A. B., A. M., Assistant Professor of Economics and Commerce.

#### INSTRUCTORS.

ELBERT FRANK ALLEN, A. B., Instructor in Mathematics.

JAMES MILLER ALLTON, Instructor in Industrial Arts.

GRACE LEVERING ANDERSON, R. N., Instructor, Missouri School of Social Economy.

JESSE MAY ANDERSON, A. B., A. M., Instructor in English.

DOROTHY LIVINGSTON ARNOLD, Instructor in Home Economics.

EMMA OTTILLIE BACH, A. M., Instructor in French.

PATTERSON BAIN, JR., B. S. in C. E., M. C. E., Extension Instructor in Agricultural Engineering.

NEWMAN F. BAKER, A. B., A. M., Instructor in History.

PAUL MECKEL BERNARD, B. S. in Agr., Instructor in Animal Husbandry.

IDA BOHANNON, B. S., Ph. D., Instructor in Spanish.

RICHARD BRADFIELD, A. B., Instructor in Soils.

BASIL BAXTER BRANSTETTER, B. S. in Agr., Instructor in Soils and Field Crops.

MINNIE M. BRASHEAR, A. B., Instructor in English.

†WILLARD BARTLETT BREWER, Instructor in Topographic Engineering.

DOROTHEA BURBACH, A. B., Instructor in Romance Languages.

†JOE BEATY BUTLER, B. S., Instructor in Civil Engineering.

†CELESTIN PIERRE CAMBIAIRE, A. B., Ph. B., Instructor in Spanish and French.

MARGARET Z. CASSEL, B. S. in Agr., A. M., Extension Instructor in Home Economics.

FLORENCE BEATRICE CATON, B. S., in H. E., A. M., Instructor in Home Economics.

EMMA CAUTHORN, A. B., Instructor in Latin.

JESSIE ALICE CLINE, A. B., B. S. in Ed., Instructor in Home Economics.

RHODA JUANITA CONRAD, A. B., Instructor in English.

JULIA DALE, A. M., Instructor in Mathematics.

†ERNEST E. DECKER, Instructor in Topographic Engineering.

DWIGHT FOUNTIN DONAN, A. B., Instructor in Romance Languages.

ROY THEODORE DUFFORD, B. S., M. S., Instructor in Physics.

RUTH DULANEY, B. S., Instructor in Physical Education for Women.

FINIS O. DUNCAN, B. S., A. M., Instructor in Mathematics.

ARTHUR T. EDINGER, B. S. in Agr., Instructor in Animal Husbandry.

MRS. WINIFRED FERGUSON, A. B., Instructor, Missouri School of Social Economy

†VICTOR KOPPLE FISCHLOWITZ, B. S., Instructor in Mathematics.

MARY MCFARLANE FISHER, B. S. in Ed., Instructor of Industrial Arts.

RUTH FITZGERALD, A. B., B. S. in Ed., Instructor in School Supervision.

HOPEWELL DANIEL FOX, B. S. in Agr., Instructor in Animal Husbandry.

BENJAMIN H. FRAME, B. S. in Agr., Instructor in Farm Management.

SIDNEY RUSSELL GAIR, Ph. B., Instructor in English.

LEV-ELLEN C. GILLIAM, Instructor in School Supervision.

HELEN GLEASON, B. S., Instructor in Home Economics.

NEOMA LILLIAN GOLDSBERRY, B. S. in Ed., Instructor in Mathematics.

MALBONE WATSON GRAHAM, JR., A. B., A. M., Ph. D., Instructor in Political Science.

FRANCES VIRGINIA GUTHRIE, A. B., B. S., A. M., Instructor in Pathology.

HARRY EMMONS HAMMOND, A. B., M. S., Instructor in Physics.

EARL WILTON HENDERSON, B. S. in Agr., Instructor in Poultry Husbandry.

FLORA E. HENKE, Extension Instructor in Industrial Arts.

CLARA LOUISE HILLIGAS, R. N., Instructor in Nursing.

†VAN BUREN HINSCH, B. S., E. M., Instructor in Mathematics.

ROBERT LORENZO HOWARD, A. B., A. M., Instructor in Political Science and Public Law.

CHU HSIAO, A. B., Instructor in Economics.

FREDERICK WILLIAM HUBBARD, B. S., Instructor in Electrical Engineering.

EDNA E. HUDLER, B. S. in Ed., Extension Instructor in Teacher-Training.

MRS. GERMAINE SANSOT HUDSON, Instructor in Romance Languages.

FORREST R. HUGHES, B. S., Instructor in Drawing.

PAUL HUSER, Instructor in Romance Languages.

GILTNER RUSSELL INGELS, B. S. in M. E., Instructor in Drawing.

FLOYD EAST JARVIS, A. B., Instructor in English.

JERALD JONES, JR., Instructor in Physical Education.

DOROTHY KAUCHER, A. B., B. S., A. M., Instructor in English.

MARY LOUISE KLINGNER, B. S. in Ed., A. M., Instructor in Home Economics.

HERBERT FRICK KRIEGE, B. S., A. M., Instructor in Chemistry.

ORRIN WOLCOTT LETSON, B. S. in Agr., A. M., Instructor in Field Crops.

LURA LEWIS, B. S. in Ed., A. M., Instructor in English.

RUTH HUTCHINSON LINDSAY, A. B., A. M., Instructor in Botany.

†SAMUEL HORACE LLOYD, JR., A. B., M. S., Instructor in English.

BESSIE A. MCCLENAHAN, A. B., A. M., Instructor, Missouri School of Social Economy.

†ROGER McCUNE, B. S., Assistant Director of Physical Education.

ALVAH RUFUS McLAUGHLIN, Ph. B., A. M., Instructor in Physiology.

WILLIAM CHARLES McNUTT, Extension Instructor in Industrial Arts.



- WILLIAM CASSELL MALLALIEU, A. B., Instructor in English.
- PAULINE GERMAINE MALOIT, A. B., Instructor in Romance Languages.
- RAY STANLEY MARSH, B. S. in Agr., Instructor in Horticulture.
- LOIS MARTIN, B. S., Extension Instructor in Home Economics.
- †WESLEY BARRINGTON MILLER, B. S., Instructor in Mechanical Engineering.
- ROYAL E. MONTGOMERY, Ph. B., Instructor in English.
- JOHN H. MUELLER, A. B., A. M., Instructor in Romance Languages.
- DOROTHY MUMFORD, B. S. in Ed., Instructor in Physical Education for Women.
- NELSON CLYDE MURRAY, Instructor in Industrial Arts.
- D. HORACE NELSON, B. S. in Agr., Instructor in Dairy Husbandry.
- IVER N. NELSON, A. B., Instructor in Spanish.
- HAROLD GOULD NEWMAN, B. S. in Agr., A. M., Instructor in Veterinary Science.
- BERNARD W. NOEL, B. S., Extension Instructor in Industrial Arts.
- †BARNEY NUDELMAN, B. S., M. S., Instructor in Chemistry.
- ALFRED T. O'DELL, A. B., A. M., Instructor in English.
- EARL MARVIN PAGE, B. S. in Agr., Extension Instructor in Horticulture.
- MRS. CHEVES WEST PERKY, B. S., Ph. D., Instructor in the Theory and Practice of Art.
- ARNOLD PERSTEIN, Ph. B., Instructor in English.
- FREDUS NELSON PETERS, JR., A. B., Instructor in Chemistry.
- JAMES PHELAN, Instructor in Physical Education.
- ORVILLE BRYAN PRICE, B. S. in Agr., Instructor in Soils.
- JAMES ALFRED QUINN, A. B., A. M., Instructor in Sociology.
- †THADDEUS THORNDIKE RANNEY, Instructor in Topographic Engineering.
- MAURICE J. REGAN, B. S. in Agr., Extension Instructor in Dairy Husbandry.
- NINA CATHERINE REILLY, B. S. in Ed., Instructor in Home Economics.
- RUTH ROLLINS, A. B., B. S., Instructor in English.
- J. CRAIG RUBY, A. B., Instructor in Physical Education.
- WALTER JULIUS SAUPE, B. S. in Ed., A. M., Instructor in Education.
- †ARTHUR SCOTT, Master Engineer, United States Army, Instructor in Military Science and Tactics.
- MARTINE A. SEATON, Instructor in Poultry Husbandry.
- HARLAN LOY SHREADER, B. S. in Agr., Extension Instructor in Poultry Husbandry.
- ROBERT INGALLS SIMPSON, B. S. in Agr., Instructor in Physical Education.
- BANCROFT W. SITTERLY, A. B., Instructor in Astronomy.
- MINNOLA STALLINGS, R. N., Instructor in Home Economics.
- MRS. A. E. STEARN, A. B., M. S., Instructor in Chemistry.
- HANNAH A. STILLMAN, B. S., Instructor in Home Economics.
- CECILE COOK STONE, B. S. in Ed., M. S., Instructor in Home Economics.
- HAROLD GORDON SWARTWOUT, B. S. in Agr., Instructor in Horticulture.
- ANNA BELLE THOMPSON, B. S. in H. E., Instructor in Home Economics.
- CHARLES WESLEY TURNER, B. S. in Agr., A. M., Instructor in Dairy Husbandry.
- †DONALD FOSTER UPDIKE, B. S. in Met., Instructor in Mechanics.
- HARRY ELIAS VICK, B. S., M. S., A. M., Instructor in Zoology.
- NELL WALKER, A. B., Instructor in Romance Languages.
- RALPH K. WATKINS, B. S. in Ed., A. M., Instructor in School Supervision, Acting Superintendent of University Schools.
- H. W. WILLIAMS, B. S. in Ed., Instructor in Mathematics.
- JAMES STEELE WILLIAMS, A. B., Instructor in Geology.
- ALICE WOOLLEY, B. S., A. M., Instructor in English.
- †EDMUND HUGH WOOLRYCH, Instructor in Drawing.
- EMILY KATHRYN WYANT, B. S. in Ed., Instructor in Mathematics.
- †WALTER CHARLES ZEUCH, B. S., Instructor in Highway Engineering.
- CULLEN CASWELL ZIMMERMAN, Instructor in Mathematics.

#### ASSISTANTS.

- JOHN HANAWAY AYDELOTTE, A. B., Teaching Supervisor of Social Science and Mathematics, University High School.
- O. W. BARLOW, A. B., Assistant in Physiology.
- MARY J. BARNETT, A. B., A. M., Assistant in Horticulture.
- CHARLES ERELL BAUMGARTEN, B. S. in E., Assistant in Chemistry.
- P. G. BUCKLES, B. S. in Ed., Teaching Supervisor of Science, University High School.
- ADA M. COLE, B. S. in Ed., Assistant in Botany.
- LIBBIE J. COLLINS, Assistant in Zoology.
- LAURA COX, B. S. in Ed., Teacher in University Elementary School.
- HENRY DYE CROWE, A. B., Assistant in Chemistry.
- MRS. GLADYS BUNCH DALTON, A. B., B. S. in Ed., Assistant in Latin.
- HOWARD P. DOOLE, A. B., Assistant in Physics.
- JAMES WYLIE GOODIN, A. B., Assistant in Physics.
- FLORENCE GREENING, Teacher in University Elementary School.
- ESTHER M. GRIFFITH, A. B., Assistant in Chemistry.
- ARTHUR RAY HALL, B. S. in Agr., Assistant in Agricultural Chemistry.
- ELMER L. HEIDBREDER, B. S. in Ed., Assistant in Physics.
- ALVA CLAY HILL, B. S. in Agr., Assistant in Field Crops.
- ROLAND O. HUMPHREY, A. B., Assistant in Chemistry.
- JAMES MITCHELL HYDE, Teacher of Manual Training, University High School.
- ROY H. JAEGER, Assistant in Industrial Arts.
- MARY POLK JESSE, A. B., B. S. in Ed., Teacher in University Elementary School.



HARRIET DE GRAFF JOHNSTON, A. B., Assistant in Zoology.

PAULINA RUTH KEITH, B. S. in Ed., Teacher in University Elementary School.

BERTRAM I. LAWRENCE, B. S. in Ed., Assistant in Educational Psychology.

JOHN A. LEACH, B. S. in Ed., Principal of the University High School.

MARTHA LOUISE LETTS, B. S., Assistant in Zoology.

ORVILLE CLARK MCBRIDE, B. S. in Agr., Assistant in Entomology, Deputy Inspector of Nurseries.

WALTER H. MILLER, Assistant in Industrial Arts.

MRS. J. J. OPPENHEIMER, Teacher in University Elementary School.

EUGENE H. PAYNE, Assistant in Zoology.

KARL F. PETSCH, B. S. in Agr., Assistant in Botany.

IRL THORPE SCOTT, B. S. in Agr., Assistant in Botany.

EARL GWIN SIEVEKING, B. S. in Agr., Assistant in Agricultural Chemistry.

\*MARGARET SINCLAIR, Teacher in University Elementary School.

FRANK L. SMITH, A. B., Assistant in Physics.

DANIEL CRENSHAW STARK, A. B., Assistant in Chemistry.

CYNTHIA V. STARR, A. B., Assistant in Romance Languages.

ELDRED V. THIEHOFF, A. B., Assistant in Anatomy.

ROY G. WILLIAMS, A. B., Assistant in Anatomy.

JIM ROBERT YEAGER, B. S. in E., Assistant in Chemistry.

#### OTHER OFFICERS.

ROSE ALTHA BAKER, A. B., Assistant Reference Librarian.

JAMES F. BARHAM, Photographer, Agricultural Experiment Station.

GRACE BARNES, B. S., B. L. S., Reference Librarian, University Library.

LOIS CHRISTINE BARNES, Assistant Cataloguer, University Library.

ORVILLE MARION BARNETT, Attorney of the University.

EDWARD ERNEST BROWN, Business Manager.

JESSE L. CAMPBELL, B. S. in Agr., Supervisor of Practice Teaching in Vocational Agriculture.

BRUCE J. CARL, Secretary of the Agricultural Extension Service.

MRS. MARGARET BASS CHAMBERLAIN, Head of Read Hall, Assistant Adviser of Women.

FRANK CHAMBERS, A. B., Registrar of the University.

FRED OSCAR COE, B. S., Radiographer in Hospital.

LESLIE COWAN, B. S. in C. E., Secretary of the University.

OTTO SMITH CRISLER, D. V. M., Superintendent of Hog Cholera Serum Laboratory.

MRS. IDA CUNNINGHAM, Matron of Women's Apartments, Jesse Hall.

FLORENCE BAXTER CURRIE, B. L. S., Head Cataloguer, University Library.

WILLIAM DE YOUNG, B. S. in Agr., Assistant in Soil Survey.

†ROBERT RICHMOND DICKERSON, Superintendent of Buildings and Grounds, School of Mines and Metallurgy.

ANNA DEAN DULANEY, A. B., B. S. in Ed., Assistant in Public Health Laboratory.

†ZELLA ELIAS, Secretary to the Director.

RICHARD HUFF EMBERSON, B. S. in Ed., State Leader Boys' and Girls' Clubs.

CHARLES CLEVELAND FREELY, Custodian of Buildings and Head Painter.

JANE FRODSHAM, Assistant in Charge of Agricultural Library.

DARRYL W. GOODE, B. S. in B. A., Manager of The Commons.

†NANCY HARRISON HAYES, Assistant Librarian, School of Mines and Metallurgy.

STELLA BLANCHE HEDRICK, Assistant Librarian in Charge of Acquisitions.

ESTELLE HICKOK, Secretary to the President.

ROBERT E. LEE HILL, B. S., M. S., Alumni Recorder.

PERCY ANDERSON HOGAN, Law Librarian.

MRS. JANE A. HURTY, Assistant in Charge of Engineering Library.

SAMUEL ALLEN JEFFERS, A. B., A. M., Ph. D., Assistant Librarian.

ARTHUR ALLEN JEFFREY, A. B., Agricultural Editor.

†EDITH CARTER JOHNSON, Cataloguer, School of Mines and Metallurgy.

†EDW. KAHLBAUM, Business Manager, School of Mines and Metallurgy.

GEORGE T. KLINE, Biological Artist, Laboratories of the University.

MRS. FANNIE BOOTH MOORE, Assistant in Charge of Arts and Science Reading Room.

†MARGUERITE IRISH NORVILLE, Acting Librarian, School of Mines and Metallurgy.

ANNALEE PEEPLES, Loan Desk Assistant, University Library.

ROBERT BEVERLY PRICE, M. S. (Hon.), Treasurer of the University.

PONTUS HENRY ROSS, B. S. in Agr., Assistant and Director of the Agricultural Extension Service, County Agent Leader.

JULIA ELIZABETH SAMPSON, Assistant in Charge of Journalism Library.

ANNA MAY SHEPARD, A. B., Assistant Cataloguer.

INEZ SPICER, B. S. in Ed., Assistant Cataloguer.

TONY DAVID STANFORD, Assistant Business Manager.

MRS. P. E. TESTERMAN, Assistant in Charge of Medical Library.

ARTHUR LORD WESTCOTT, B. M. E., M. E., Superintendent of Buildings.

JOHN RODGERS WHITMAN, B. S. in A. E., Supervisor of Practice Teaching in Vocational Agriculture.

JOHN FRANCIS WILLIAMS, University Publisher.

## FELLOWS AND SCHOLARS

## UNIVERSITY FELLOW, 1921-22.

WILLIAM DEAN COLLIER (Pathology),  
A. B., A. M., University of Missouri.  
University Fellow, 1920-21.

## GREGORY FELLOWS.

ROY HOLMES HALL (Geology), B. S. in  
Agr., A. M., University of Missouri.

RICHARD BOYDEN RUTLEDGE (Geology),  
A. B., A. M., University of Missouri.  
University Scholar, 1920-21.

JAMES STEELE WILLIAMS (Geology), A. B.,  
University of Missouri.

## HONORARY FELLOW.

EDWIN LINTON (Zoology), A. B., Washing-  
ton and Jefferson College. Ph. D., Yale  
University, Emeritus Professor of Bio-  
logy, Washington and Jefferson College.

## UNIVERSITY SCHOLARS.

LOUISE CHURCHILL LACY (English), A. B.,  
University of Missouri.

WILLIAM EWART MATTHEWS (English),  
A. B., Baylor University.

SIMON C. TU (History), A. B., B. S. in Ed.,  
University of Missouri.

AGRICULTURAL RESEARCH SCHOL-  
ARS—AGRICULTURAL EXPERI-  
MENT STATION, 1921-22.

MRS. EDWARD ABBOTT (Horticulture),  
B. S. in Agr., University of Missouri.

CHESTER FREDERICK AHMANN (Horti-  
culture), A. B., Central Wesleyan College.

GREGORY GRADUATE SCHOLARS,  
1921-22.

SAMUEL E. DUFF (English), A. B., Uni-  
versity of Missouri.

CAROLINE E. E. HARTWIG (Sociology),  
B. S. in Ed., University of Missouri.

MRS. MARY ASBURY MCKAY (Political  
Science), B. S. in Ed., University of  
Missouri.

MILDRED OENONE McMURTRY (Latin),  
A. B., Colorado College.

GREGORY SENIOR SCHOLARS,  
1921-22.

HAZEL COLLINS.

VIRGIL R. VANSTONE.

JULIA B. SCHMIDT.

LENA MAY LACEY.

DORA MAY HILL.

HELEN IRENE MILLER.

MRS. LILLIAN SCHENK.

EDNA KOBS.

STANLEY GILMORE.

VERENA MENA BLOMEYER.

HONORARY SENIOR SCHOLARS,  
1921-22.

RUTH HIBBARD.

JOHN CASKEY.

JOHN GILMORE.

ARTHUR L. BAERMANN.

GREGORY FRESHMAN SCHOLARS,  
1921-22.

GRACE E. ANTLE.

HUGH A. CHARLES.

ADELAIDE F. FREESE.

MABEL I. LEWIS.

DOROTHY J. ROE.

CHLOIE L. STICKLER.

STEPHEN F. THORNTON.

## JAMES S. ROLLINS SCHOLARS.

In the School of Medicine—  
RALPH WINGO COFFEY.

In the School of Law—  
BEN E. S. ELY, JR.

In the School of Engineering—  
RUSSELL L. FINDLEY.

In the College of Agriculture—  
VICTOR E. BOSWELL.

In the College of Arts and Science—  
JOHN F. CASKEY.  
RUTH HIBBARD.

J. V. C. KARNES SCHOLAR (SCHOOL  
OF LAW)

DELOS C. JOHNS.

S. H. FORD SCHOLAR (SCHOOL OF  
EDUCATION)

CAROLINE E. E. HARTWIG.

EUGENE FIELD SCHOLAR (SCHOOL  
OF JOURNALISM)

VICTOR KEEN.

JAY L. TORREY SCHOLAR (SCHOOL  
OF JOURNALISM)

JAMIE MARIAN BABB.  
BLANCHE WESTERMAN.

AMERICAN CITIZENSHIP SCHOLAR  
(COLLEGE OF ARTS AND  
SCIENCE)

BYNA HARGROVE.

FRANK P. BLAIR SCHOLAR  
(COLLEGE OF ARTS AND  
SCIENCE)

FLORIEN PRESTON GASS.

UNITED DAUGHTERS OF THE CON-  
FEDERACY SCHOLARS

(George Edward Pickett Chapter—  
Kansas City)

ELIZABETH LONGAN.

(Margaret McLure Chapter—St.  
Louis)

JEWEL ANTLE.

(Emmett McDonald Chapter—Marshall  
Rust Scholarship—Sedalia)

MARGARET HUSTON.

(U. D. C. Dixie Chapter—Kansas City)  
VERA DILLINGHAM.

RHODES CLAY SCHOLAR (COLLEGE  
OF ARTS AND SCIENCE)

CORNELIA COMPTON.

JOHN W. JEWELL SCHOLARS  
(SCHOOL OF JOURNALISM)

ARTHUR BAERMANN.

IRL W. BROWN.

THOMAS BENEDICT HAMMOND.

GEORGE M. LE CRONE, JR.

HARRY L. MANN.

FREDERICK TILBERG.

# PRIZES AND HONORS

## THE SHARPLESS PRIZE SCHOLARSHIP (DAIRY HUSBANDRY)

BINA SLAUGHTER.

## THE CHI OMEGA PRIZE (SOCIAL BETTERMENT)

ROSE BAKER.

## THE WILLIAM MACK PRIZE (LAW)

RALPH E. MURRAY.

## THE ALPHA ZETA PI PRIZE (SOCIAL SCIENCES)

FLORIEN PRESTON GASS.

## THE MILITARY CUP

COMPANY "C", CADET CAPTAIN FRANK R. HICKERSON.

## THE MILITARY MEDAL

CADET SERGEANT EDWARD GATES  
ENGLISH, COMPANY "F."

## THE MILLARD'S REVIEW PRIZES (JOURNALISM)

STEPHEN A. BARKER.  
GEORGE E. SIMMONS.

## THE SCHOLARSHIP ATHLETIC TROPHY

WILLIAM BAHLMAN PARKER.

## THE HENRY AND CORNELIA CRUMBAUGH MEDAL (DIETETICS)

RUTH PHILIPPI.

## THE McANALLY MEDAL (ENGLISH)

VERNA MENA BLOMEYER.

## THE WILLIAM VOLKER PRIZES (SOCIOLOGY)

First, Not Awarded.  
Second, WINONA MCFARLAND.

## THE MENORAH PRIZES (JEWISH HISTORY)

NATHAN MARON.  
A. SWET.

## THE WILLIAM JENNINGS BRYAN PRIZE (POLITICAL SCIENCE)

FLORIEN P. GASS.



# Section I. General Information

## HISTORICAL STATEMENT

The University of Missouri is eighty-three years old. It is the oldest state university west of the Mississippi River. It has always been an integral part of the state's public school system, since it was established by an act of the General Assembly of Missouri, approved February 11, 1839, two days after the act establishing the public school system of the state was approved.

The University was located at Columbia, Boone County, June 24, 1839. The cornerstone of the main building was laid July 4, 1840. The spring following, April 14, 1841, instruction in academic courses was begun. The first class, consisting of two members, was graduated in 1843. Women were first admitted to the University in 1869.

The development of the highest and most efficient type of citizen is the fundamental aim of the University. A liberal education in the arts and sciences and training in the professions is offered.

## ORGANIZATION

The University of Missouri comprises the following divisions:

COLLEGE OF ARTS AND SCIENCE	SCHOOL OF MINES AND METALLURGY
COLLEGE OF AGRICULTURE	SCHOOL OF JOURNALISM
SCHOOL OF EDUCATION	SCHOOL OF BUSINESS AND PUBLIC
SCHOOL OF LAW	ADMINISTRATION
SCHOOL OF MEDICINE	GRADUATE SCHOOL
SCHOOL OF ENGINEERING	EXTENSION DIVISION

The School of Mines and Metallurgy is at Rolla; the other divisions are at Columbia.

Emphasis is given in particular lines of work by the establishment of minor divisions, chief of which are the Agricultural Experiment Station, the Engineering Experiment Station, the Missouri State Military School, and the Mining Experiment Station at Rolla.

The University Faculty consists of the President, deans, professors, associate professors, assistant professors in all the divisions of the University, and the Librarian. Each division—college or school—of the University has its own faculty, consisting of the Dean, professors, associate professors, and such other teachers of that school or college as the faculty concerned may elect. The teachers in each department work together thru a chairman appointed by the President for a term of one year.

The President is the executive head of the University and is a member of all the faculties.

## LOCATION

The University of Missouri, being at Columbia, is about half way between St. Louis and Kansas City, near the center of the state. It is reached by the Wabash and the Missouri, Kansas & Texas railways. Co-

Columbia is progressive and prosperous, with a population of approximately 13,000 and more than thirty miles of paved streets.

Columbia may be characterized as a town of schools, homes, and churches, with enough industrialism to make it efficient. It offers the conveniences of a larger city without the distractions. The student is a predominant factor in Columbia.

## EQUIPMENT

**Grounds and Buildings:** The University grounds at Columbia cover more than 800 acres. The main divisions are in the Francis Quadrangle, the East Campus, the athletic fields, and the University farm. About five miles south, an 80-acre tract is used for experimental work in horticulture. On a 90-acre tract two miles north, the University has a new plant for the manufacture of hog-cholera serum. The University also owns about 46,000 acres mainly in the Ozark Mountains of Southern Missouri.

The following University buildings are at Columbia:

Academic Hall (administration), Parker Memorial Hospital, Rothwell Gymnasium, Schweitzer Hall (for agricultural chemistry), Switzler Hall, Jay H. Neff Hall (for the School of Journalism); separate buildings for agriculture, astronomy, biology, chemistry, business and public administration and geology, dairy, University Elementary School, University High School, engineering, home economics, horticulture, industrial arts, law, library, machinery (for agricultural engineering), medicine, physics, poultry and veterinary; two power plants, live stock judging pavilion, dairy barn, horse barn, sheep barn, numerous cattle sheds, several buildings on hog-cholera serum farm; other small buildings; residences for the President of the University and the Dean of the Faculty of Agriculture; Lathrop Hall, dormitory for men, and Read Hall, dormitory for women.

**Laboratories and Museums:** Practical instruction in the sciences is provided in the following laboratories: Agricultural chemistry, animal husbandry, anatomy, astronomy, bacteriology, botany, chemistry, dairy husbandry, engineering (civil, electrical, sanitary, and mechanical), entomology, experimental psychology, educational psychology, field crops, geology and mineralogy, home economics, horticulture, industrial arts, journalism, pathology, pharmacology, physics, physiology, physiological chemistry, poultry husbandry, soils, veterinary science, and zoology.

There are museums of agriculture, classical archeology, ethnology, geology, mathematics, zoology, and the social museum.

**Drafting Rooms:** Rooms are provided for the theory and practice of art and for engineering drawing.

**Dormitories:** The University has one dormitory for men and one for women. For detailed information concerning these and the boarding facilities connected with them, see page 48.

**Libraries:** The libraries of the University at Columbia are the general library, law library, medical library, engineering library, agricultural library, journalism library, and collections in the chemistry, geology, and biology buildings, and the Lathrop collection in the general library. They contain about 178,000 volumes and 21,000 pamphlets. Approximately fourteen hundred periodicals are currently received at Columbia.

The library has been enriched within the last few years by the gift of Senator George Graham Vest, who presented the library the large collection of government documents which he made during his twenty years' service

at Washington; by the gift of Honorable Gardiner Lathrop, a former member of the Board of Curators, of one thousand dollars for a department library, to be known as the "John H. Lathrop Library of English and American Literature," and by the gift of Senator F. M. Cockrell, who gave the library 6,400 volumes and 244 pamphlets of government documents, and by the purchase of the private library of the late Professor G. Jacques Flach, a French jurist and historian, consisting of 6,000 volumes. The collection is rich in the history of France, especially of Alsace-Lorraine, and in legal literature.

The library is housed in its new building. The reading room will accommodate 260 readers; the four seminar rooms for graduate students provide for 50 students. The library is open 13½ hours a day for consultation during the academic year. It is closed on Sundays and on important legal holidays.

Students have access to the collections of the State Historical Society, containing 65,000 volumes and pamphlets. This collection is housed in the new Library Building. The State Historical library is open 8½ hours a day, except Sunday and legal holidays.

The law library occupies rooms on the first floor of the Law Building. The collection consists of 21,016 volumes, and the room is open 12½ hours daily, except Sunday.

The medical library is shelved in the Medical Building and is open 6 hours daily, except Sunday. The collection consists of 6,500 volumes.

The engineering library is shelved in the Engineering Building and is open 7½ hours daily, except Sunday. The collection consists of 6,200 volumes.

The agricultural library is on the second floor of the Agriculture Building and is open 11 hours daily, except Sunday. The collection on hand there consists of 3,386 volumes.

These statistics are for books shelved in the branch libraries. There are many other volumes on the same subjects in the general library.

Other collections, shelved in the various laboratories, are accessible at certain hours daily, except Sunday. The collections are small, but have been selected with special reference to the needs of students in these laboratories.

### Gymnasiums and Athletic Fields:

*For Men:* Rothwell Gymnasium presents facilities for gymnastics, indoor track, basketball, boxing, wrestling, handball, and customary indoor activities, and also adequate locker and bathing facilities. Rollins Field, named in recognition of the generosity of the Rollins family, is one of the finest athletic fields in the West. A board 12-lap track, out of doors; a quarter-mile cinder track; ample field space; three football and baseball fields, ten volley-ball and eight tennis courts, and a fine 9-hole golf course, provide amply for out-of-door exercise.

*For Women:* The women possess a small but well-equipped gymnasium. For out-of-door use they have a temporary field house, and adequate facilities for hockey, baseball, tennis, track, archery, volley-ball, and similar activities.



## PUBLICATIONS OF THE UNIVERSITY

The publications of the University consists of the University of Missouri Studies, University of Missouri Bulletin, and publications of the Agricultural Experiment Station and the Agricultural Extension Service.

The University of Missouri Bulletin comprises the astronomical series, the education series, engineering experiment station series, extension series, general series, journalism series, library series, medical series, law series, literature series, science series, and social science series. The publications of the Agricultural Experiment Station include research bulletins, bulletins and circulars of information based for the most part on the work of the local station. The publications of the Agricultural Extension Service are of a more popular nature, covering a wider range of work. The University of Missouri Studies contain the results of original research by the teachers and graduate students of the University.

The bulletins and circulars of information are sent free on application. The catalog and special announcement of each school and college are issued annually and may be had by writing to the Registrar of the University.

## UNIVERSITY CALENDAR

**Terms:** The work of the University is divided into three terms of sixteen weeks each, known as the fall, winter, and spring-summer terms. Ordinarily a student is expected to be in residence for two terms of each year, and accordingly wherever a year or a year's work is referred to this means a year of two terms; but students may spend one, two, two and a half, or three terms in residence.

## ENTRANCE

All communications regarding entrance should be addressed to the Registrar, University of Missouri, Columbia, Missouri, who has charge of all matters relating to admission to any divisions of the University subject to the authority of the Committee on Entrance.

### REQUIREMENTS FOR ADMISSION

High school subjects which are required for admission are designated in terms of "units," a unit being the equivalent of a subject pursued five periods a week for at least thirty-six weeks, four units constituting a year's work.

College subjects which are required for admission are designated in terms of "hours," an hour being the equivalent of a subject pursued one period a week for one term, fifteen hours constituting a term's work.

The following are the requirements for admission as a regular student to the several colleges and schools:

**College of Arts and Science:** Fifteen units, the equivalent of a four-year's high school course, are required for admission to the College of Arts and Science. Three units in English, one unit in mathematics, and two units in one foreign language are fixed requirements.\* The remaining nine units may be selected from the list given on pages 22 to 31.

**College of Agriculture:** Fifteen units, the equivalent of a four-year's high school course, are required for admission to the College of Agriculture. Three units in English and one unit in mathematics are fixed requirements.\* The remaining eleven units may be selected from the list given on pages 22 to 31. In preparation for admission to the College of Agriculture, students are strongly urged to take at least one laboratory science; if only one science is taken, it is recommended that it be physics.

**School of Education:** The requirements for admission to the School of Education are the satisfactory completion of (1) a four-year's high school course or its equivalent, and (2) the first four terms' work or 60 hours' credit (exclusive of the required work in physical training and military science) in the College of Arts and Science of the University of Missouri or its equivalent.

**School of Law:** The requirements for admission to the School of Law are the satisfactory completion of (1) a four-year's high school course or its equivalent, and (2) the first four terms' work or 60 hours' credit (exclusive of the required work in physical training and military science) in the College of Arts and Science of the University of Missouri or its equivalent.

**School of Medicine:** The requirements for admission to the School of Medicine are the satisfactory completion of (1) a four-year's high school course or its equivalent, and (2) the first four terms' work—60 normal credit\* hours—(exclusive of required work in physical training and military science) in the College of Arts and Science of the University of Missouri or the equivalent. This credit must include normal credit hours† as follows:

---

\*Graduates of fully-accredited schools of this University are admitted without reference to the fixed requirements.

†Normal credit refers to the credit hours obtained without regard to excess or diminished credit on the basis of the grades received. See page 65.

German or French, 8 hours; general zoology,† 8 hours; general physics,† 8 hours; inorganic chemistry,† 8 hours, and organic chemistry,† 5 hours; general bacteriology, 3 hours.

**School of Engineering:** The requirements for admission to the School of Engineering are the equivalent of those required for admission to the College of Arts and Science.

**School of Mines and Metallurgy (at Rolla):** The requirements for admission to the School of Mines are fifteen units, the equivalent of a four-year's high school course. Three units in English, one and one-half units in algebra and one unit in plane geometry are fixed requirements. The remaining units may be selected from the list on pages 22 to 31.

**School of Journalism:** The requirements for admission to the School of Journalism are the satisfactory completion of (1) a four-year's high school course or its equivalent, and (2) the first four terms' work or 60 hours' credit (exclusive of the required work in physical training and military science) in the College of Arts and Science of the University of Missouri or its equivalent. It is strongly urged that this credit include: A modern language, 10 hours; logic, 3 hours; American history, 5 hours; narration and description, 3 hours; exposition, 3 hours. For students who plan to specialize in agricultural journalism, 5 hours of chemistry should be included.

**School of Business and Public Administration:** The requirements for admission to the School of Business and Public Administration are the satisfactory completion of (1) a four-years' high school course or its equivalent, and (2) the first four terms' work or 60 hours' credit (exclusive of the required work in physical training and military science) in the College of Arts and Science of the University of Missouri or its equivalent.

**Graduate School:** Graduates of standard colleges and universities are admitted to the Graduate School.

## ENTRANCE CONDITIONS

Applicants for admission who are deficient in a small portion of the requirements may be admitted conditionally at the discretion of the Committee on Entrance.

Students from accredited schools will not be admitted, subject to a condition, unless they are graduates of such schools.

Entrance conditions must be removed within two terms from the date of entrance. Students should consult with the Registrar regarding the removal of such conditions.

---

†Sufficient laboratory work in this subject must be completed to meet the requirement laid down for this subject as to laboratory work by the Council on Medical Education of the American Medical Association.



## SUBJECTS ACCEPTED FOR ADMISSION

The subjects in which entrance units may be offered, the minimum and the maximum number of units that may be offered in each subject, and the number of units or hours required for each college or school, are presented in the following:

Subjects.	Arts and Science, Agriculture, Engineering, and Mines.		Required in the several divisions.							
	Max.	Min.	Arts and Science,* Engineering.*	Mines.*	Agriculture.*	Education.	Law.	Medicine.	Journalism.	Business and Pub. Admin.
English.....	4	3	Fifteen units, including three units in English, two units in one foreign language, and one unit in mathematics.	Fifteen units, including three units in English, and two and one-half units in mathematics.	Fifteen units, including three units in English and one unit in mathematics.	Four terms or 60 hours of college work, as specified, in addition to a four-years' high school course or an equivalent.	Four terms or 60 hours of college work, as specified, in addition to a four-years' high school course or an equivalent.	Four terms or 60 hours of college work, as specified, in addition to a four-years' high school course or an equivalent.	Four terms or 60 hours of college work, as specified, in addition to a four-years' high school course or an equivalent.	Four terms or 60 hours of college work, as specified, in addition to a four-years' high school course or an equivalent.
Algebra (elem.).....	1 ½	1								
Plane geometry.....	1	1								
Solid geometry.....	½	½								
Plane trigonometry.....	½	½								
†Arithmetic (adv.).....	½	½								
†Algebra (adv.).....	½	½								
History.....	4	1								
American government.....	½	½								
Latin.....	4	2								
Greek.....	3	2								
German.....	3	2								
French.....	3	2								
Spanish.....	3	2								
Physics.....	2	1								
Chemistry.....	2	1								
General biology.....	1	1								
General science.....	1	1								
Zoology.....	2	1								
Botany.....	2	1								
Hygiene.....	1	½								
Physical geography.....	1	½								
†Agriculture.....	1	1								
†Vocational agriculture.....	6	2								
Music.....	1	½								
Drawing.....	2	1								
†Manual training.....	2	1								
†Mechanical drawing.....	1	1								
†Household art.....	2	1								
†Vocational home economics.....	4	2								
†Economics.....	½	½								
Sociology.....	½	½								
Community civics.....	½	½								
†Commercial arithmetic.....	½	½								
†Commercial law.....	½	½								
†Commercial geography.....	½	½								
†Bookkeeping.....	1	½								
†Stenography and typewriting.....	2	2								
†Typewriting.....	1	½								
††Teacher-training.....	2	2								

\*Graduates of fully-accredited schools are admitted without reference to the fixed requirements.

†Must be preceded by elementary algebra and plane geometry. Advanced arithmetic and advanced algebra cannot be offered together.

†Vocational subjects. The maximum number of units accepted in vocational subjects is eight.

††No credit is given unless all of the three teacher-training courses are completed

## DEFINITION OF UNITS

**English.** The four units that may be offered include grammar, composition and rhetoric, and literature.

The candidate will be required to show a reasonable proficiency in the principles of English grammar, including sentence-analysis. He will be required to show the ability to express himself coherently and correctly, with a fair mastery of the forms of writing—spelling, punctuation, sentence and paragraph structure. He will be examined on literature as listed below, and, if he desires four units, will be required to show also a knowledge of the history of English literature.

The classics prescribed for 1922-23 are as follows:

I. For reading. The aim is to foster in the student the habit of intelligent reading and to develop a taste for good literature by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group 1:

Group 1. Classics in translation. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any selection from this group a selection from any other group may be substituted.

Group 2. Shakespeare: *Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, and *Coriolanus*, and, if not chosen for study, *Julius Caesar*, *Macbeth*, and *Hamlet*.

Group 3. Prose fiction. Malory: *Morte d'Arthur* (about 100 pages). Bunyan; *Pilgrim's Progress*, Part I. Swift: *Gulliver's Travels* (voyage to Lilliput and to Brobdingnag). Defoe: *Robinson Crusoe*, Part I. Goldsmith: *Vicar of Wakefield*, Frances Burney: *Evelina*. Scott's novels: any one. Jane Austen's novels: any one. Dickens' novels: any one. Thackeray's novels; any

one. George Eliot's novels: any one. Mrs. Gaskell: *Cranford*. Kingsley: *Westward Ho*, or *Hereward, the Wake*. Reade: *The Cloister and the Hearth*. Blackmore: *Lorna Doone*. Hughes: *Tom Brown's Schooldays*. Stevenson: *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*. Cooper's novels: any one. Poe: selected tales. Hawthorne: *The House of Seven Gables*, or *Twice-Told Tales*, or *Mosses From an Old Manse*. Cable: *Old Creole Days*. A collection of short stories by various standard writers.

Group 4. Essays, biography, etc. Addison and Steele: *The Sir Roger de Coverly Papers*, or selections from the *Tatler* and *Spectator* (about 200 pages). Boswell; selections from the *Life of Johnson* (about 200 pages). Franklin: *Autobiography*. Irving, selections from *The Sketch Book* (about 200 pages), or *Life of Goldsmith*. Southey: *Life of Nelson*. Lamb; selections from the *Essays of Elia* (about 100 pages). Lockhart; selections from the *Life of Scott* (about 200 pages). Thackeray: lectures on Swift, Addison, and Steele in the *English Humorists*. Macaulay: any one of the following essays—*Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madam d'Arbly*. Trevelyan: selections from the *Life of Macaulay* (about 200 pages). Ruskin: *Sesame and Lilies*, or selections (about 150 pages). Dana: *Two Years Before the Mast*. Lincoln: selections, including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln. Parkman: *The Oregon Trail*. Thoreau: *Walden*. Lowell: selected essays (about 150 pages). Holmes: *The Autocrat of the Breakfast Table*. Stevenson: *An Inland Voyage* and *Travels With a Donkey*. Huxley: *Autobiography*, and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*. A collection of essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers. A collection of letters by various standard writers.

Group 5. Poetry. Palgrave's *Golden Treasury* (first series): Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns. Palgrave's *Golden Treasury* (first series), Book IV, with special attention to Wordsworth, Keats and Shelley (if not chosen for class study). Goldsmith: *The Traveler* and *The Deserted Village*. Pope: *The Rape of the Lock*. A collection of English and Scottish ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Est-*

mere, Young Beichan, Bewick and Grahame, Sir Patrick Spens, and a selection from later ballads. Coleridge: *The Ancient Mariner*, *Christabel*, and *Kubla Khan*. Byron: *Childe Harold*, Canto II or IV, and *The Prisoner of Chillon*. Scott: *The Lady of the Lake*, or *Marmion*. Macaulay: *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*. Tennyson: *The Princess*, or *Gareth and Lynnette*, *Lancelot and Elaine*, and *The Passing of Arthur*. Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts From Abroad*, *Home Thoughts From the Sea*, *Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, *De Gustibus—*, *Instans Tyrannus*. Arnold: *Sohrab and Rustum*, and *The Forsaken Merman*. Selections from American poetry, with special attention to Poe, Powell, Longfellow, and Whittier.

II. For study. This part of the requirements is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

Group 1. Drama. Shakespeare: *Julius Caesar*, *Macbeth*, *Hamlet*.

Group 2. Poetry. Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*. Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*. The selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (first series).

Group 3. Oratory. Burke: *Speech on Conciliation With America*. Macaulay's two *Speeches on Copyright* and Lincoln's *Speech at Cooper Union*. Washington's *Farwell Address* and Webster's *First Bunker Hill Oration*.

Group 4. Essays. Carlyle; *Essay on Burns*, with a selection from Burn's Poems. Macaulay; *Life of Johnson*.

---

**Mathematics.** The units which may be offered are as follows;

*Algebra. One unit.* Elementary algebra, including the elementary operations on polynomials and fractions, the solution of single and simultaneous linear equations; simple factoring, simple powers and roots, and the solution of numerical quadratic equations by factoring. It is expected that the work be accompanied by graphical methods in the solution of equations of all types, and in the explanation of other topics.

*One and one-half units.* Complete elements of algebra, including the above, and in addition the solution of quadratic equations by completing the square, simultaneous equations involving quadratics only in the simpler cases which can be illustrated readily from the graphical standpoint, the progressions, complete work on radicals and fractional exponents with specific reference to logarithms, emphasizing the practical use of logarithms. The last half unit must include a reasonable knowledge of graphical methods.

*Plane Geometry. One unit.* The work in plane geometry, in order to be acceptable, must cover a full year in a good text. It is recommended that part of the year be spent upon the applications of algebra to geometry, and of geometry to algebra. It should contain also the definitions of the principal trigonometric functions, and their use in easy problems on right triangles.

*Arithmetic. One-half unit.* A half unit in arithmetic may be offered for work taken after the courses in plane geometry and algebra. An extended variety of topics is by no means as desirable as a careful study of the meanings of the simpler and more fundamental processes of arithmetic, together with illustrations drawn as widely as possible from the various applications to geometry, physics, mensuration, and other subjects with which the pupil is already familiar. The use of algebraic forms of thinking should be encouraged, where they assist the understanding of the subject. This half unit may not be presented if two units in algebra are offered.

*Algebra. Additional half unit.* An additional half unit in algebra may be offered for work taken after the work in elementary algebra and plane geometry. This work should cover all topics included in the usual standard high school courses, but omitted in the courses in algebra outlined above. This half unit may not be presented if arithmetic is offered.

*Solid Geometry. One-half unit.* The work in solid geometry, in order to be acceptable, must cover a full half year's work. The development of the student's space conception is a valuable aim in the work, and it may well be aided by the construction and study of models and by experimental verification of theorems.

*Trigonometry. One-half unit.* This is supposed to cover a half year in high school. It includes the elementary notions, functions of obtuse angles, solutions of right-angled triangles, and the methods essential for the solution of oblique triangles. The use of logarithms is an essential part of the course, but the logarithmic solutions of triangles may be limited to those cases in which no special formulas are required. Some familiarity with the formulas involv-



ing the functions of the angles is also desirable.

**History.** The four units that may be offered are as follows:

*Ancient History. One unit.* The history of the Oriental, Greek and Roman periods as given in any standard high school text.

*Medieval and Modern History. One unit.* The history of Europe during the medieval and modern periods as given in any standard high school text.

*European History. Two units.* In place of the one unit courses in ancient history and medieval and modern history outlined above, two units credit will be given for courses in European development based on the new texts like Robinson and Breasted and Robinson and Beard.

*English History. One unit.* The political and social history of the English people as given in any standard high school text. A half unit will be given for work of less extensive character, covering a half year.

*American History. One unit.* The history of the Colonial and United States periods as given in any standard high school text for one year's work. A half unit will be granted for work of less extensive character, covering a half year.

A half unit in English or American history will be accepted only when accompanied by at least one unit in European history.

**American Government.** One-half unit may be offered in American government, the equivalent of one-half year's work in the fourth year of high school curriculum. A knowledge of the chief organs of local, state, and national government, their relations to each other, and the important functions assigned to each group, and also some knowledge of their historical development will be required. No credit will be given unless the student offers at least one-half unit in American history.

**Latin.** The four units that may be offered are as follows:

1. The work included in some standard First Latin Book.

2. Four books of Caesar's *Gallie War*, with composition once a week for the year. For the *Gallie War*, an equivalent in time of Caesar's *Civil War* may be substituted, and for one book the equivalent in time of *Viri Romae*, *Nepos*, or *Eutropius* may be given.

3. Six *Orations of Cicero*, including the *Orations for Archias* and *For the Manilian Law*, with composition once a week for the year. For two of the *Orations Against Catiline* an equivalent in time of Sallust's *Catiline* may be substituted.

4. Six books of Virgil's *Aeneid*, with

prosody. For two books of the *Aeneid* may be substituted an equivalent in time of the *Bucolics* or *Georgics*, or of *Ovid*, preferably the *Metamorphoses*.

The ability to read simple Latin at sight is essential to 3 and 4.

**Greek.** The three units that may be offered are as follows:

1. Introductory lessons, Xenophon's *Anabasis* (20 to 30 pages), practice in reading at sight and in writing Greek, systematic study of grammar begun.

2. *Xenophon's Anabasis* (continued), either alone or with other Attic prose (75 to 100 pages). Practice in reading at sight, systematic study of grammar, thorough grammatical review and practice in writing Greek, both based on study of Books I and II of the *Anabasis*.

3. Attic prose: e. g., Lysias' *Orations* or Plato's *Apology* and *Crito*, or Xenophon's *Memorabilia*, with practice in writing Greek, grammar and practice in reading at sight. Homer (2,500 to 4,000 lines): e. g., *Odyssey*, Books I-V, or *Iliad*, Books I-III (omitting line 499 to end), and VI-VIII.

**German.** The three units that may be offered are as follows:

The first unit should comprise, in preparation: (1) Careful drill upon pronunciation. (2) Systematic drill upon the elements of grammar, including the inflection of the articles, the noun, the adjectives, the pronoun, the verb, strong and weak; also upon the use of the common prepositions, the simpler use of the modal auxiliaries and elementary rules of syntax and word-order. (3) Abundant practice (a) in oral and written reproduction of the text, (b) in the memorizing of colloquial and idiomatic phrases, and (c) in diction. Texts such as the following are recommended: Guerber's *Maerchen und Erzählungen I*, Seeligmann's *Altes und Neues Glueck Auf*, the easiest of Grimm's *Maerchen*, the tests in Prokosch's *German for Beginners*.

The second unit calls for, in preparation, about 150 pages of moderately difficult reading, chiefly prose, with constant practice in oral and written reproduction of selected portions; also drill upon the more difficult chapters of grammar such as the passive voice, use of cases with prepositions, verbs, adjectives, use of tenses and modes (especially the infinitive and subjunctive), likewise upon word-order and word-formation. The following texts are among those recommended: (1) For reading, Baumbach's *Sommermaerchen* and *Waldnovellen*, Leander's *Traeumereien*, Zschokke's *Der zerbrochene Krug-Das Wirts, haus zu Cransac*, Storm's *Imensee*, Heyse's

*L'Arrabbiata*; (2) for composition, Pope's *Writing and Speaking German*, Sterns' *Geschichten vom Rhein*.

The third unit calls for, in preparation, (1) the reading of 250 pages of good modern prose stories and plays, and the ability to use the language effectively as a means of oral and written expression; and (2) abundant practice in the writing of composition. Among the texts recommended are: (narrative) Riehl's *Burg Neideck*; Sundermann's *Frau Sorge*; Storm's *Der Schimmelreiter*; (dramatic) Moser's *Der Bibliothekar*; Freytag's *Die Journalisten*; Helbig's *Komödie auf der Hochschule*; (historical) Sybel's *Die Erhebung Europas*; Schiller's *Der Dreissigjaehrige Krieg*; Arndt's *Deutsche Patrioten*. A well-balanced course includes works of all the three classes mentioned.

*Note*—In every case, the entrance examination includes an oral and aural test, and a short theme written in German. In general, the work submitted will be examined more as to *quality* than as to *quantity*.

---

**French.** The three units that may be offered are as follows:

1. A knowledge of the main principles of grammar, and a good pronunciation; the ability to translate at sight ordinary nineteenth century prose, represented by not less than 150 pages selected from at least three authors and the ability to translate simple sentences into French.

2. Preparation requires the equivalent of a year's work in addition to that outlined under 1. The candidate will be required to show proficiency in syntax, the ability to translate at sight standard prose into simple and idiomatic English, and some facility in writing in French short accounts connected with the works read, or in translating from English a passage of connected prose. Special attention should be paid thruout to pronunciation. Texts should be confined chiefly to standard works of the eighteenth and nineteenth centuries.

3. By a third unit in French is meant the result of a progressive study of the language during a third year under the same general conditions as for a second unit. These should comprise the reading of at least 600 pages of standard French, classical and modern; and the writing of numerous short themes in French, in which the rules of syntax may be correctly observed. The works should be read, not translated, with the exception of the more difficult passages.

---

**Spanish.** The three units that may be offered are as follows;

1. A thoro knowledge of the fundamental principles of grammar; the ability

to handle with precision and rapidity the regular conjugations, the common verbs involving orthographic and radical change, and at least twenty-five irregular verbs; accurate pronunciation and spelling; as constant a use of the spoken Spanish as possible; the reading of about 150 pages of ordinary prose.

2. Review of the grammar; constant drill in verbs; frequent dictation; the assignment of a relatively short selection for direct translation from Spanish into English, and of a longer selection for class discussion in Spanish, without translation; composition; some practice in letter writing. About 275 pages of text should be read.

3. The third unit should comprise the study of some of the masterpieces of modern Spanish literature and of Spanish works dealing with Latin-America. The work should be practical, and involve the constant use of Spanish as the language of the classroom.

*Note*—In any examination covering the above units in Spanish, students will be required to give oral evidence of correct and fluent pronunciation, and to write in Spanish a short composition on some assigned subject with which they may be expected to be familiar.

---

**Physics.** The two units which may be offered are as follows;

1. The requirement is based mainly on the definition adopted by the Association of Colleges and Secondary Schools of the North Central States. The preparation should include the equivalent of a year's work, five periods a week, of which at least two double periods of not less than eighty minutes each are devoted to laboratory work. The work should consist of three closely related parts, class work, lecture-demonstration work and laboratory work.

In the laboratory, each pupil should perform at least thirty individual experiments, and keep a careful notebook record of them. Twenty of these experiments should be quantitative; each of these should illustrate an important physical principle, and no two should illustrate the same principle.

Entrance examinations will be framed to test the pupil's understanding of and ability to use the general principles.

2. A continuation of the laboratory work for another year, or a year's work in a more advanced text together with laboratory work.

*Laboratory notebooks must be presented by those who take the entrance examination, or in lieu thereof some evidence that the necessary amount and quality of laboratory work has been completed.*



**Chemistry.** The two units that may be offered are as follows:

1. The equivalent of a year's work in chemistry, with periods as described above for physics.

2. The equivalent of a second year's work in the subject, with periods as described for first unit.

*Notebooks showing work done must be presented by those who take the entrance examination.*

**General Biology.** The one unit that may be offered is the equivalent of one year's work, with periods as described above for physics.

The following series of animal and plant forms, from which selections may be made, is recommended for study: (1) Amoeba, (2) paramoecium or vorticella, (3) sphaerella, (4) yeast plant, (5) spirogyra, (6) hydra, (7) mucor or penicillium, (8) earthworm, (9) crayfish, (10) grasshopper, (11) fern, (12) fresh-water mussel, (13) seeds and seedlings, (14) flowering plants, (15) frog, with metamorphosis.

*Notebooks and drawings showing work done must be presented by those who take the entrance examination.*

**General Science.** One unit may be offered, representing the equivalent of one year's work along the lines laid down in some one of the standard texts as: Barber, *First Course in General Science*; Caldwell and Elkenberry, *General Science*; Snyder, *Everyday Science*; Van Buskirk and Smith, *Science of Everyday Life*; Trafton, *Science of Home and Community*; Hodgdon, *Elementary General Science*. As General Science is supposed to precede other courses in science, it should not be given later than the first year of high school.

Classes in this subject should meet five times per week; at least two meetings should be double periods for laboratory and demonstration, the remainder for class work. Excursions and field trips to points of scientific interest, e. g., local light, ice and water plants, factories, etc., may be considered as part of the laboratory work. Brief records of experimental work and trips should be kept.

The purpose of such a course is to give the pupil an idea of some of the scientific principles operating in his environment, therefore important facts of earth science, biology, chemistry and physics with their applications should be included, with the emphasis to be determined by the immediate surroundings. However, the following topics seem worthy of inclusion in any community: Combustion, heating and ventilation, refrigeration, lighting, water supply, the air, elementary meteorology, simple

machines, work and energy, electrical appliances, transportation, foods and diet, micro-organisms and disease-prevention, elementary household chemistry.

In addition to the textbooks, a number of suitable reference books and magazines should be available: e. g., *Scientific American*, *National Geographic Magazine*, *Popular Science Monthly*, *School Science and Mathematics*, and texts of biology, geography, chemistry and physics.

**Zoology.** The two units that may be offered are as follows:

1. The equivalent of one year's work, with periods as described above for physics. The following series of animals is recommended for study:

(1) Protozoa (amoeba, and paramoecium or vorticella); (2) coelenterate (hydra); (3) echinoderm (starfish or sea-urchin); (4) annelid worm (earthworm); (5) parasitic worm (cestode or trematode); (6) decapod crustacean (crayfish); (7) orthopteran insect (grasshopper, and comparison with other insects); (8) amphibian (frog, with metamorphosis).

2. More intensive work in the subject with study of additional forms, during the same length of time as required for 1.

The study of each form should include a consideration of (1) habitat, (2) geographical distribution, (3) food, (4) adaptations to environment, including relation to other forms of animal and plant life, (5) economic relations, (6) habits and functions, (7) life-history, and (8) structure.

*Notebooks and drawings showing work done must be presented by those who take the entrance examination.*

**Botany.** The two units that may be offered are as follows:

1. *Morphology and Physiology.* The equivalent of one year's work, with periods as described above for physics. The subject-matter is the equivalent of that given in Bergen's *Elements of Botany* or Atkinson's *Botany for High Schools*.

2. *Comparative Morphology.* The equivalent of a second year's work, with periods as described for first unit. An equivalent of Coulter's *Plant Structures* or Part II of Bergen and Davis, *Principles of Botany*.

*Notebooks and drawings showing work done must be presented by those who take the entrance examination.*

**Hygiene.** The unit represents one year's work. The course should be the equivalent of *Principles of Sanitary Science and the Public Health*, by Sedgwick; *Health and Disease; Their Determining Factors*, by Roger I. Lee; or *Practical Preventive Medicine*, by Mark Boyd, combined with *Per-*



*sonal Hygiene*, by Pyle. Since hygiene, and especially personal hygiene, depends largely on a knowledge of the body and its various functions, such textbook, demonstration, and laboratory work in physiology as is needed should be included.

*Notebooks showing work done must be presented by those who take the entrance examination.*

**Physical Geography.** The unit that may be offered is the equivalent of a year's work in the subject, with periods as described above for physics. It should cover the equivalent of Salsbury's *Physiography for High Schools*, Tarr's *Elementary Physical Geography*, Davis's *Physical Geography*, or Gilbert and Brigham's *Introduction to Physical Geography*, together with laboratory work as extensive as that outlined in Everly, Blount and Walton's *Laboratory Lessons in Physical Geography*. The laboratory work should be supplemented by field work, and a careful record of all laboratory and field exercises should be kept in a notebook.

*Laboratory notebooks must be presented by those who take the entrance examination, or, in lieu thereof, some evidence that the necessary amount and quality of laboratory work has been completed.*

**General Agriculture.** One unit may be offered. The general course in agriculture, including such subject-matter as that found in Water's textbook and Water's and Elliff's laboratory manual; or a course in plant husbandry, including work in soils, crops, and horticulture. Periods as described above for physics.

**Vocational Agriculture.** Not less than two or more than four units may be offered. In all cases the courses should conform to the requirements of the State and Federal Boards for Vocational Education.

**Music.** The one unit that may be offered consists of a combination of sight-reading, ear-training, and elementary harmony. These three subjects are closely related, the first two being essential, if elementary harmony amounts to more than a mere paper exercise. The work of this unit is the equivalent of five 40-minute periods a week of class work for two years.

The entrance examination in music will include the following:

1. The candidate will be required to sing a selection, unaccompanied, in the key and time in which it is written, after having had the pitch "C" given to him. Either the "movable do" "or fixed do" methods may be used, or the syllable "a" as dis-

associated from either. As to difficulty, the selection will be on a par with songs found in books suitable for high school choral practice, such as Hoff's *Corona Song Book*, Ripley and Tapper's *Advanced Music Reader* (the natural course), Smith's *Fourth Book* (the Modern Music Series), Tomlin's *Laurel Song Book*.

2. The candidate will be required to name and qualify (perfect, major, minor, augmented, diminished) intervals struck on the piano, both in succession and combination, by the examiner. The student is not to see the keys as they are struck, but is to recognize the intervals by ear. The tests as given under 1 and 2 are for the purpose of a clear recognition of tones and their symbols.

3. Candidate will be required to write the chords to figured bases, implying a knowledge of the primary and secondary triads in major and minor and their inversions, and of the chord of the dominant seventh with its inversions and resolutions. This work is covered in the first seventy-seven pages of Jadassohn's *A Manual of Harmony*.

The half unit that may be offered consists of a combination of sight-reading and ear-training as given in sections 1 and 2. The work of a half unit is equivalent to five 40-minute periods a week of class work for one year.

**Drawing.** Two units may be offered. The following outline, adopted by the North Central Association of Colleges and Secondary schools, indicates the nature of the work. While the work is not separated into first and second year programs the more elementary forms of each phase of the subject should be selected for the first year. In preparation of the work for each year, the equivalent of five double periods each week should be devoted to the subject.

Approximately one-third of the time should be given to representative drawing and two-thirds to decorative composition, constructive and decorative design, construction and applied design.

1. Pictorial. Plant study (flowers, sprays of leaves seed-pods). Object study. Landscape (roof studies, buildings). Pose drawing. Composition.

2. Decorative composition. Plant forms, object study, landscape, pose.

3. Decorative design. Plant analysis for the purpose of design. Conventionalized plant forms. Decorative units, borders, surfaces, corners, rosettes, posters, book covers, stencils, woodblock printing. Historic ornament. Arrangement of straight lines, and of straight and curved lines. Geometric design. Lettering, illuminating. Schemes for interior decoration.

4. Constructive design. Designs for pottery, leather, metal, bookbinding, furniture, cardboard construction, textiles.

5. Crafts. Choice of one or more of pottery, leather work, metal work, bookbinding, furniture.

6. Applied design. Design applied to the crafts and to cardboard, textiles.

7. Illustration.

8. Some knowledge of the history of art; of the use of art in industry; of civic planning; domestic architecture, and decoration.

9. Instrumental drawing to be given as needed to meet the requirements of practical designing and construction.

*Note*—Mediums used: Pencil, charcoal, water colors, crayons, brush and India ink, and a combination of the pure mediums.

It is desirable to accentuate the life interest in these subjects as well as the technical achievement. The problems selected for 4, 5 and 6 should apply to the home, or some part of the immediate environment of the pupil. Under 3, "decorative design," it is recommended that work in decorative design be preceded by exercises in pure design without any representative elements, followed by exercises introducing representative elements. Instead of plant analysis and conventionalized plant forms, use the drawings made under 1, "pictorial" (studies of plant, animal, and human forms), as suggestions for the representative elements in the decorative designs. Remember above all that design and not representation must dominate in this work.

**Manual Training.** Two units may be offered for admission. The time required in preparation of each unit is the equivalent of five double periods each week for one year, or five single periods for two years.

**Mechanical Drawing.** The time required in preparation of each unit is the equivalent of five double periods each week for one year. About half of this time should be devoted to free-hand lettering and sketching and the remaining time to practice with instruments in drawing to scale simple objects, the common geometrical curves, and the orthographic projections.

**Household Art.** One unit may be offered. This may be a unit in Cooking, a unit in Sewing, or a half unit in each.

*Unit in Cooking.* Practical application of the principles of cooking, which may include the effects of heat upon foods; experiments with leavening agents; bread making; canning and preserving fruits,

vegetables, and meats; planning, cooking, and serving meals; cost and market price of foods, and cost of meals; the family dietary and diet for invalids, convalescents, and infants.

*Unit in Sewing.* Practical sewing, dealing essentially with the choosing and making of simple garments, with enough exercises in technique to make the sewing efficient. The student should understand the estimation of cost and durability in selection of materials; advantages of various weaves and fibers; detection of adulterations in the common varieties of cloth; the care of clothing, mending, and cleaning; draughting, cutting and making; the use and care of sewing machines; the fundamental processes of hand sewing; and the various stitches, and their special uses.

**Vocational Home Economics.** Two or four units may be offered. For detailed suggestions concerning the content and method of these courses see bulletin No. 8, published by the State Board for Vocational Education, Jefferson City, Missouri.

**Economics.** The half unit that may be offered is the equivalent of one-half year's work in the fourth year of high school. It requires a knowledge of the leading facts and principles of economics, including such subjects as division of labor, the factors of production, the laws of diminishing returns, demand and supply, value and price, wages, interest, rent and profits, credit, taxation, regulation of monopolies, and international trade. The candidate should have acquired the habit of self-reliant thinking on economic problems. One of the better grade of texts in current use, such as those by Bullock Davenport, Ely and Wicker, Johnson, Laughlin, Walker, will serve as a basis for the work, but should be supplemented with discussion and practical exercises.

**Sociology.** One-half unit may be offered in sociology, the equivalent of one-half year's work in the fourth year of high school. A knowledge of the social conditions and problems of typical human groups, such as the family, the local community, the city, and the nation will be required. The basis for the work should be Ellwood's *Sociology and Modern Social Problems* and Towne's *Social Problems*. Both books should be used and should be supplemented by additional reading, by observation of local conditions, and by classroom discussions. No credit will be given unless the student offers at the same time either one-half unit in economics or one-half unit in American Government.



**Commercial Law.** One-half unit. This course should not be given before the fourth year of the high school and should be given only in such high schools as maintain a commercial course. The object of the course should not be to master the technical terms and peculiar forms of procedure, but rather to acquaint the pupil with the more common principles of law which govern the every-day transactions. Much laboratory work should be given to studying and drawing up the common legal forms. Such work should be given as will enable the pupil to protect himself in ordinary business transactions. Talks by local attorneys on special phases of the law are advisable.

The following topics are suggestive: Contracts, their nature, essentials and effects; sales; interest and usury; bills and notes; agency; partnership, real property and mortgages; liens and attachments; bailments; insurance; landlord and tenant; leases; deeds.

**Teacher Training.** Two units may be offered. Full outlines of this work are found in the Syllabus of Courses in Education for Teacher-Training High Schools, issued by the State Superintendent of Schools. Suggestions concerning text and reference books and the regulations under which these courses are given are part of the same syllabus.

**Community Civics.** One-half unit may be offered in the first year of the high school. The work should consist in a study of the citizenship activities of the home, the school, the town, and county. It should begin with concrete examples of what government does and what it stands for, derived from the pupil's own experience at home and in school. The pupil's understanding of the need of co-operative effort in his own affairs should be made the means of interpreting the larger group responsibilities of the neighborhood, town and county. From the beginning to the end the chief aim is to teach the pupil to understand, appreciate, and perform his part in the civic life. The following are among the better texts: Hughes' *Community Civics*, Dole's *The American Citizen*, Dunn's *The Community of the Citizens*.

**Commercial Arithmetic.** One-half unit. This should include a thorough study of some standard high school text such as Millis and Stone, and Beeman and Smith, and should be studied during the third or fourth year. No credit will be given for this course when studied in the first or second year.

**Commercial Geography.** The half unit that may be offered is the equivalent of a half year's work. The object is to discover the causes of the present territorial distribution of industries and of the location of lines of communication and transportation. The following topics should be treated in detail with reference to the United States, and in general with reference to the outlying possessions of the United States and to the most important commercial countries: (1) Effect of surface, soil, climate—that is, the physical factor in commerce; (2) the influence of race, religion, education, commercial policies—that is, the human factor in commerce; (3) the effect of economic forces on production and commerce; (4) means of transportation and communication. The textbook should be supplemented by map work and assigned readings.

Commercial geography should be preceded by physical geography, in case both are given.

**Bookkeeping.** One unit may be offered, requiring for preparation the equivalent of the work normally done in five 80-minute periods a week for the school year. The student should become familiar with the meaning of double entry terms, with rules for debit and credit, and the kinds and uses of books. He should acquire the ability to keep a double entry and a single entry set of books. He should become familiar, furthermore, with such standard business forms as bills, receipts, checks, notes, time and sight drafts, endorsements, invoices, accounts, sales, deposit tickets, express receipts, bills of lading, statement of account, balance sheets.

Bookkeeping should be done largely as laboratory work. Good penmanship, neatness in work, accuracy, and speed must be acquired in such laboratory practice. The exercise in some of the tests which are offered by the various publishers on first lessons or elementary principles would naturally form the basis for much of such work, unless the teacher prepares his own exercise-work according to a similar plan.

A half unit in bookkeeping may be offered, requiring for preparation the equivalent of the work normally done in five 80-minute periods a week for one-half of the school year.

Some of the best reference works, useful especially to the teacher in charge of elementary work, are Sprague's *Philosophy of Accounts*, Hatfield's *Modern Accounting*, Kester's *Accounting Theory and Practice*, and Cole's *Accounts—Their Construction and Interpretation*.

**Stenography.** Two units may be offered. No credit will be given for stenog-



raphy unless two units of the work are completed. A unit in this course consists of five 40-minute periods each week of the school year.

The underlying principles of the system used should be thoroly mastered, and at the same time correct writing habits should be formed. From the first students should learn to make outlines with some attempt at speed. At the end of the first year a speed of 75 words per minute should be attained on practice matter. During the first half of the second year a great deal of attention should be given to office training and commercial correspondence. By the end of the second year the student should attain a speed of 100 words per minute of new matter for five minutes, and should be able to transcribe the notes on the typewriter at a rate of 35 words per minute.

---

**Typewriting.** One-half or one unit may be offered. One-half unit in this course consists of five forty-minute periods per week for the school year.

The touch method must be used exclusively, and on a standard 42-key, double-character machine. Correct use of the guide keys from the start will insure proper finger habits. Some attention from the start should be given to finger gymnastics, rhythm drills, and similar teaching devices. Only a limited number of errors should be accepted in any lesson, and the use of the eraser should be prohibited. The object should be accuracy and speed in dictation, and in transcribing. Correct spelling, capitalization, punctuation, and paragraphing habits should be formed. The finished output should be neat and artistic letters and transcripts. With each lesson for the first few months a systematic study should be made of the devices of the typewriter and practice given in the use of each. The various processes of copying, manifolding or duplicating should be studied. This in connection with the work in office practice in stenography should fit the student to be a skillful and efficient worker in any modern business office or in any other work of a legal or secretarial nature.

## ENTRANCE EXAMINATIONS

**Who May Take Entrance Examinations:** All persons who desire to take the entrance examinations should first write to the Registrar, stating the name of the division which they desire to enter. Those who are eligible will receive from him cards which will entitle them to admission to the examinations. University students who wish to take the entrance examinations for the removal of entrance conditions will be admitted upon presentation of their student cards.

**Time of Entrance Examinations:** Entrance examinations will be held at the University August 28, 1922. Entrance examinations may also be held on December 28, 1922, and April 25, 1923. An examination will not be given in any subject if there is no presumption that a reasonable number of candidates desire it. The final list of examinations to be given and the time at which each subject is scheduled will be posted two weeks before the date of the examinations. Those who desire examinations should inform the Registrar before that time.

Extra examinations for entrance are held only as directed by the Committee on Entrance; they will be ordered for good cause and only upon satisfactory evidence that the candidate could not attend the regular examination. By order of the Board of Curators, any person entering any extra or repeated entrance examination must pay a fee of \$1 to the Secretary of the University.

Further information concerning entrance examinations may be obtained by addressing the Registrar, University of Missouri, Columbia.

## ADMISSION BY CERTIFICATE

**Acceptance of Credits by the Committee on Entrance:** A person who wishes to offer credits in place of an entrance examination in any subject should have them certified to by the proper official of the school in which

the credits were made. Blank forms for such certificates will be furnished by the Registrar. These certificates should be sent as soon as possible to him. The Registrar, who is secretary of the Committee on Entrance, will then notify the student that his credits are approved or that he will be required to take entrance examinations in the respective subjects.

**Admission from Accredited Schools:** The University will admit without examination such graduates of an accredited school as offer proper credentials of the fact that they have completed the subjects required for entrance to the college which they desire to enter. For these requirements see table on page 22. A certificate of graduation will not be accepted for full value in lieu of entrance examinations unless the high school course of the pupil has been four years in length and unless all the work has been done in the regular sessions of the school, with the exception that credit will be allowed without examination from approved secondary summer schools.

*The diploma will not be accepted as a credential.* The student must present the proper form of certificate, signed by the principal or superintendent of the accredited school recommending his admission to the University. Blank certificates will be furnished by the Registrar. *The University recommends that accredited schools do not issue such certificates to any students except to those who have been graduated. Students from accredited schools will not be admitted subject to a condition, unless they are graduates of such schools.*

The certificates should be filled out and sent to the Registrar of the University, Columbia, Missouri. He will then notify the student in due time that his certificate has been approved for entrance or that certain conditions or corrections are necessary. As the necessity for correction appears in many cases, the student will avoid delay and inconvenience by sending the certificate as soon as possible after his graduation. *Certificates which are not sent in by August 1 may not be accepted in lieu of the entrance examinations.* Certificates filed by candidates for admission become the property of the University.

## FULLY ACCREDITED SCHOOLS

(List Corrected to March, 1922.)

*Note: The University of Missouri will accept the certificate from any school accredited by the North Central Association of Colleges and Secondary Schools or by the Association of Colleges and Secondary Schools of the Southern States. Schools on this list marked with a star (\*) are on the North Central Association list.*

\*Academy of Chaminade College (Clayton)  
Academy of Marionville College (Marionville)  
\*Academy of Rockhurst College (Kansas City)  
Academy of the Sacred Heart (St. Charles)  
Academy of the Sacred Heart (Maryland and Taylor Avenues, St. Louis)  
Academy of the Sacred Heart (Meramec and Nebraska Avenues, St. Louis)  
Academy of the Visitation (St. Louis)  
Adrian High School  
Albany High School  
Amoret High School

Anderson High School  
Appleton City High School  
Armstrong High School  
Ash Grove High School  
Ashland High School  
Atlanta (C. D.) High School  
Aurora High School  
Auxvasse Consolidate High School No. 1  
Ava High School  
Barnard High School  
Bellflower High School  
Belton High School  
\*Bethany High School  
Bevier High School

Bigelow High School  
 Billings High School  
 Birch Tree High School  
 Bismarck High School  
 Bloomfield High School  
 Blue Springs High School  
 Bogard High School  
 Bolckow High School  
 Bolivar High School  
 Bonne Terre High School  
 Boonough (C. D.) High School  
 Boonville High School  
 Bosworth High School  
 Bowling Green High School  
 Braymer High School  
 Breckenridge High School  
 Brookfield High School  
 Browning High School  
 Brunswick High School  
 Bucklin High School  
 Buckner High School  
 Buffalo High School  
 Bunceton High School  
 Burlington Junction High School  
 \*Butler High School  
 Cabool High School  
 Cainesville High School  
 Caledonia High School  
 Callao High School  
 California High School  
 Camden (C. D.) High School  
 Camden Point (C. D.) High School  
 Cameron High School  
 Campbell High School  
 Canton High School  
 Cape Girardeau High School  
 Carl Junction High School  
 \*Carrollton High School  
 Cartersville High School  
 \*Carthage High School  
 Caruthersville High School  
 Cassville High School  
 Center High School  
 Centralia High School  
 Chaffee High School  
 Chamois High School  
 \*Charleston High School  
 Chilhowee High School  
 \*Chillicothe High School  
 Chula High School  
 Clarence High School  
 Clarksburg High School  
 \*Clayton High School  
 Clifton Hill High School  
 Clinton High School  
 Coffey High School  
 Cole Camp High School  
 \*Columbia High School  
 Conception College Academy (Concep-  
 tion)  
 Concordia High School  
 Corder High School  
 \*Country Day School (Kansas City)  
 Cowgill High School  
 Craig High School  
 Crane High School

Crystal City High School  
 Cuba High School  
 Dawn High School  
 Dearborn High School  
 Deepwater High School  
 DeKalb High School  
 De LaSalle Academy (Kansas City)  
 Desloge High School  
 DeSoto High School  
 Dexter High School  
 Dixon High School  
 Doe Run High School  
 Doniphan High School  
 Downing High School  
 Drexel High School  
 Eagleville High School  
 Easton High School  
 East Prairie High School  
 Edgerton High School  
 Edina High School  
 Eldon High School  
 Eldorado Springs High School  
 Ellington High School  
 Elmo High School  
 Elsberry High School  
 Elvins High School  
 Eminence High School  
 Eolia High School  
 Esther High School  
 Eureka High School  
 Everton High School  
 Ewing (C. D. No. 1) High School  
 \*Excelsior Springs High School  
 Fairfax High School  
 Farmington High School  
 Faucette (C. D.) High School  
 Fayette High School  
 Fayetteville (C. D.) High School  
 \*Ferguson High School  
 Festus High School  
 Flat River High School  
 Forest City High School  
 Fornfelt High School  
 Forsyth High School  
 Frankford High School  
 Fredericktown High School  
 \*Fulton High School  
 Gallatin High School  
 Garden City High School  
 Galt High School  
 Gideon High School  
 Gilliam High School  
 Gilman City High School  
 Glasgow High School  
 Golden City High School  
 Gorin High School  
 Gower (C.D.) High School  
 Graham Consolidated High School  
 Grain Valley High School  
 Granby High School  
 Grand View High School  
 Granger (C.D.) High School  
 Grant City High School  
 Green Castle High School  
 Green City High School  
 Greenfield High School



Green Ridge (C. D. No. 4) High School	Lamonte High School
Greenville High School	Lancaster High School
Guilford High School	LaPlata High School
Hale High School	Laredo High School
Hallsville (C. D.) High School	Lathrop High School
Hamilton High School	Lawson High School
*Hannibal High School	Leadwood High School
Hardin High School	*Lebanon High School
Harmony High School	Lees Summit High School
Harris High School	Leeton High School
Harrisonville High School	Lewistown (C. D.) High School
Hartville High School	Liberal High School
Hayti High School	Liberty High School
Henrietta (C. D.) High School	Licking High School
Herculaneum High School	Lilbourn High School
Hermann High School	Linneus High School
Hickman Mills High School	Lock Springs High School
Higbee High School	Lockwood High School
*Higginsville High School	Loretto Academy (Kansas City)
Holcomb High School	Louisiana High School
Holden High School	Lowry City High School
Holt High School	*Loyola Hall (St. Louis)
Holy Rosary Academy (Clinton)	Lutesville High School
Hopkins High School	McFall (C. D.) High School
Houston High School	Macon High School
Houstonia Consolidated High School	Madison High School
Hughesville High School	Maitland High School
Humansville High School	Malden High School
Hume Consolidated High School No. 4.	Malta Bend (C. D.) High School
Huntsville High School	Mansfield High School
Hurdland High School	Maplewood High School
Iberia Academy (Iberia)	Marceline High School
Illmo High School	Marionville High School
*Independence High School	*Marshall High School
Ironton High School	Marshfield High School
Jackson High School	Martinsville High School
Jamesport High School	*Maryville High School
Jameson (C. D.) High School	Maysville High School
Jasper High School	Maywood Consolidated High School
*Jefferson City High School	Meadville High School
Jennings High School	Memphis High School
*Joplin High School	Mendon (C. D.) High School
Kahoka High School	*Mexico High School
*Kansas City Central High School	Miami High School
*Kansas City Manual Training High School	Milan High School
*Kansas City Northeast High School	Mindenmines Consolidated High School No. 2
*Kansas City Westport High School	*Missouri Military Academy (Mexico)
Kearney High School	*Moberly High School
*Kemper Military School (Boonville)	Mokane High School
*Kennett High School	Monett High School
Kendrick Catholic Boys' High School (St. Louis)	Monroe City High School
Keytesville High School	Montgomery City High School
Kidder Institute (Kidder)	Monticello (C. D. No. 5) High School
King City High School	Morehouse High School
Kingston High School	Morley High School
*Kirksville High School	Morrisville High School
*Kirkwood High School	Mound City High School
Knobnoster High School	Mountain Grove High School
Knox City High School	Mountain View High School
LaBelle High School	Mt. Vernon High School
Laclede High School	Naptonville (C. D.) High School
Laddonia High School	Neosho High School
LaGrange High School	*Nevada High School
Lamar High School	Newark High School
	New Bloomfield High School

Newburg High School	St. Charles High School
New Franklin High School	St. Elizabeth Institute (St. Louis)
New Hampton High School	Ste. Genevieve High School
New Haven High School	St. James High School
New London High School	*St. Joseph Benton High School
New Madrid High School	St. Joseph Catholic High School (St. Joseph)
New Point High School	*St. Joseph Central High School
Newtown High School	*St. Joseph Lafayette High School
Norborne High School	St. Joseph's Academy (Chillicothe)
North Kansas City High School	St. Joseph's Academy (Clyde)
Novelty High School	St. Joseph's Academy (St. Louis)
Novinger High School	*St. Louis Central High School
Oak Grove High School	*St. Louis Grover Cleveland High School
Odessa High School	*St. Louis McKinley High School
Oran High School	*St. Louis Soldan High School
Oregon High School	*St. Louis Yeatman High School
Orrick High School	St. Paul's College Academy (Concordia)
Osceola High School	St. Teresa's Academy (Kansas City)
Otterville Consolidated High School	St. Vincent's Academy (Kansas City)
Overland (C. D.) High School	St. Vincent's High School (Perryville)
Owensville High School	Salem High School
Ozark High School	Salisbury High School
Ozarks, School of the (Hollister)	Sancta Maria in Ripa (St. Louis)
Pacific High School	Sarcozie High School
Palmyra High School	*Savannah High School
*Paris High School	Schell City High School
Parnell (C. D.) High School	Sedalia High School
Pattonsburg High School	Senath High School
Peculiar High School	Seneca High School
Peirce City High School	Seymour High School
Perry High School	*Shelbina High School
Perryville High School	Shelbyville High School
Piedmont High School	Sheldon High School
Pilot Grove High School	Sheridan High School
Pineville High School	*Sikeston High School
Platte City High School	Silex (C.D.) High School
Plattsburg High School	Skidmore High School
Pleasant Hill High School	Slater High School
Polo High School	Smithville High School
Poplar Bluff High School	Southwest Baptist College Academy (Boli-var)
Portageville High School	Southwest City High School
Potosi High School	Spickard High School
Prairie Hill Consolidated High School	*Springfield High School
Princeton High School	Strafford Consolidated High School
Purdin High School	Stanberry High School
Purdy High School	Steelville High School
Puxico High School	Stewartsville High School
Queen City High School	Stockton High School
Ravenwood (C.D.) High School	Stoutsville High School
Raymore Consolidated High School No. 4	Sturgeon High School
Raytown High School	Sullivan High School
Republic High School	Sumner (C. D.) High School
Richards Consolidated High School	*Sunset Hill School (Kansas City)
Rich Hill High School	Sweet Springs High School
Richland High School	*Tarkio High School
Richmond High School	Thayer High School
Ridgeway High School	Thomas Hill (C. D. No. 3) High School (Clifton Hill)
Rockingham High School	Tina High School
Rockport High School	Tipton High School
Rocky Comfort High School	Trenton High School
*Rolla High School	Triplett High School
Rosati-Kain High School (St. Louis)	Troy High School
Rosendale High School	Union High School
St. Agnes Academy (Kansas City)	
St. Aloysius Academy (Kansas City)	
St. de Chantal Academy (Springfield)	

Union Star High School  
 Unionville High School  
 \*University City High School  
 Urbana High School  
 Ulrich High School  
 Ursuline Academy (Arcadia)  
 Van Buren High School  
 \*Vandalia High School  
 Versailles High School  
 Walnut Grove High School  
 Warrensburg High School  
 Warsaw High School  
 Washington High School  
 Weaubleau (C. D.) High School  
 \*Webb City High School  
 \*Webster Groves High School  
 Wellington High School

\*Wellston High School  
 \*Wentworth Military Academy (Lexington)  
 Westboro High School  
 Weston High School  
 \*West Plains High School  
 Wheatland (C. D.) High School  
 Wheaton High School  
 Wheeling High School  
 Williamstown (C. D.) High School  
 Williamsville High School  
 Will Mayfield Academy (Marble Hill)  
 Willow Springs High School  
 Windsor High School  
 Winona High School  
 Wyaconda Consolidated High School

**Admission from Accredited Schools in Other States:** The University will admit, without examination, such graduates of schools fully accredited by other state universities of similar rank as comply with the requirements for admission from accredited schools, indicated on page 22.

**Admission from Missouri State Teachers' Colleges:** (1) A graduate of a Missouri State Teacher's College whose first regular enrollment for college work in a Teacher's College was subsequent to September 1, 1916, and who has completed the 120-hour curriculum, will be admitted to the Graduate School of the University upon presentation of the proper credentials.

(2) A graduate of a Missouri State Teacher's College whose first regular enrollment for college work in a Teacher's College was prior to September 1, 1916, will be granted credit in the University of Missouri in accordance with the Conference Agreement of State Educational Institutions. In granting such credit the University will be governed by the recommendations of the Credentials Committee of the State Teacher's College from which the student was graduated.

*The diploma will not be accepted as a credential.* The student must present the proper form of certificate signed by the proper official of the teachers' college. The certificate should be sent in advance of the opening of the term to the Registrar.

**Admission from Teachers' Colleges of Other States:** Students from the teachers' colleges of other states will be admitted without examination, provided they furnish certificates showing that they have satisfied the entrance requirements to the college or school which they wish to enter. They will also be given credit for advanced standing for all courses in excess of entrance requirements which count toward the degrees for which they are candidates; but the credit will not be greater in amount than that granted to such students by the state university of the state in which the school is located. The certificate should be sent in advance to the Registrar.

**Admission from Accredited Junior Colleges:** This University desires to encourage sound standards of scholarship in the educational institutions of Missouri and to co-operate between public and private efforts in education of collegiate grade. It has therefore at the request of these institutions themselves accepted the responsibility of standardizing certain Missouri colleges that could not honestly offer four years of college instruction and the Bachelor's degree and yet might hope satisfactorily to duplicate the first two years of the standard colleges. It was believed the University might also profit by having some students, especially some women students,



spend their first two years in a college and do their upper-class work in the University. Accordingly, encouragement has been given to a group of institutions known as junior colleges.

**Accredited Junior Colleges:** The following institutions have been recognized as accredited junior colleges of this University: Central College for Women (Lexington), Christian College (Columbia), Cottey College (Nevada), Hardin College (Mexico), Howard-Payne College (Fayette), Kansas City Junior College, LaGrange College (LaGrange), Marvin College (Fredericktown), Palmer College (Albany), St. Mary's Institute (O'Fallon), St. Joseph Junior College (St. Joseph), St. Teresa College (Kansas City), Sacred Heart Junior College (St. Louis), Southwest Baptist College (Bolivar), Stephens College (Columbia), Synodical College (Fulton), The Principia (St. Louis), William Woods College (Fulton).

Graduates of accredited junior colleges will be admitted without examination to junior standing in the College of Arts and Science of this University, provided they furnish certificates showing they have satisfied the entrance requirements and the work of the first two years of this college. Such certificates will also be accepted for admission to any other division of this University except the Graduate School, if the student has completed the specific subjects required for admission to such division (see page 22). The certificates should be sent in advance to the Registrar.

**Admission from Other Colleges and Universities:** A person who offers credit from another college or university must present a certificate of honorable dismissal from such institution. He must also submit an official statement showing the subjects upon which he was admitted and the courses completed by him in such college or university. The certificates should be sent in advance to the Registrar. The credit granted for advanced standing will not exceed that which is granted by the state university of the state in which the college or university is located.

**Admission to Advanced Standing:** Claims for advanced standing, in order to receive recognition, must be made by the student within one term after entrance. Such claims must be presented to the dean. Students who wish to have their claims for advanced standing passed upon before matriculation may present them at any time to the proper authority. Of his fitness to pursue advanced work, the student must satisfy, by examination or otherwise, the professors of the subjects which he elects.

**Admission of Special Students:** In recognition of the fact that experience and maturity tend to compensate in a measure for the lack of scholastic attainments, persons who can give satisfactory evidence that they are more than 21 years old will be admitted to the University as special students, without passing the regular examinations required for entrance, under the following conditions: (1) They must show good reason for not taking a regular course; (2) they must pass such examinations or other tests as demonstrate fitness to pursue profitably all the subjects selected by them. Special students are expected to do specially good work in the subjects which they choose, and are required to take all regular examinations. If at any period of the session their work becomes unsatisfactory, their connection with the University shall be severed by the dean. Special students cannot become candidates for degrees until they have satisfied the entrance requirements to the college or school in which the degree is offered.

**Admission of Hearers:** With the consent of the Registrar and the instructors concerned, students may be admitted to any division as hearers.

Hearers must be registered and pay fees, but are not required to take examinations and receive no credit toward a degree.

### DIRECTIONS FOR NEW STUDENTS

**Entrance:** Anyone desiring information regarding entrance should address the Registrar, University of Missouri, Columbia, Missouri, who has charge of all matters relating to admission to any division of the University, subject to the authority of the Committee on Entrance.

New students should first satisfy the requirements for admission *before paying any fees.*

**Regular Students:** All candidates for admission as regular students, except those whose certificates have been accepted by the Committee on Entrance, as indicated on page 31, must take the entrance examinations. These will be held according to the program given on page 31.

Students who pass the entrance examinations should report to the Registrar, Jesse Hall, Room 101. Students whose certificates have been accepted will receive full information regarding entrance and registration.

**Special Students and Hearers:** Persons more than 21 years old may be admitted as special students or hearers without meeting the regular prescribed entrance examinations, under the conditions indicated on page 37. Application for admission as a special student or hearer should be made in advance to the Registrar.

**Graduate Students:** Persons are admitted as graduate students by the Committee on Entrance, and application and certificates should be sent before the opening of the session to the Registrar.

**Registration:** The fall term of the University opens Tuesday, August 29, 1922. The first two days are devoted to registration, but students are advised to register on the first day.

Registration for the winter term takes place Friday and Saturday, December 29 and 30, 1922.

Registration for the spring-summer term, 1923, takes place on April 26, and again on June 18, when many new courses will be open.

**Fees:** For information regarding fees see page 40.

An honor graduate of a fully accredited school should get a statement of his scholarship from the Registrar *before paying any fees.*

**Late Registration:** A student who enters after the regular registration period may, on account of courses being filled, find difficulty in securing the subjects he desires, and moreover, he is not permitted to carry the full amount of work, but must enroll for a proportionately reduced amount of work, depending on the date of entrance. No student is admitted to any division of the University for work for which he is to receive credit after the expiration of one-fourth of the time for which the courses he selects are scheduled, except in extraordinary cases, when the Committee on Entrance has power to admit him on recommendation of the dean of the division. Students entering late are examined or conditioned in the work which their classes have already done. The foregoing statements do not apply to students entering for the short winter courses in agriculture or as hearers.

**"Study Cards" and "Course Cards:"** After getting a "study card" from the Registrar, students obtain a "course card" for each course in which they are to enroll. Underclassmen in the College of Arts and Science and the School of Engineering and all students in the College of Agriculture

consult enrollment committees regarding the courses to be entered upon the "study cards." All other students consult their respective deans. In the College of Arts and Science upperclassmen should also consult each teacher under whom they wish to study before they make out their "study cards," since the teacher must be satisfied of the student's preparation to undertake the work.



## EXPENSES AND AIDS

### TUITION, FEES, AND DEPOSITS

**Tuition:** Tuition is free in all divisions of the University to students who are residents of the State of Missouri. Students who are nonresidents of the state, excepting those admitted to the Graduate School for graduate work only, are each required to pay a tuition fee of \$10 for each term. With the exception above noted, no one may claim exemption from the nonresident fee who has not resided in this state at least one year immediately preceding the date when he presents himself for admission to the University; provided, that this rule shall not apply to students whose parents move to Missouri and become *bona fide* residents of the state.

**Library, Hospital, and Incidental Fee:** All students in the University, except those specially exempt by rules of the curators, are required to pay a library, hospital, and incidental fee as follows:

- |  |         |
|--|---------|
| (1) For a term of 16 weeks.....  | \$25.00 |
| (Including the entire spring-summer term, provided the student registers and pays the fee for both halves at the opening of the term in the spring). |         |
| (2) A. For the spring half of the spring-summer term (8 weeks).....  | 15.00   |
| B. For the summer half of the spring-summer term (8 weeks).....  | 15.00   |
| (3) A. For the fall term of the Two-year Winter Course in Agriculture (8 weeks).....   | 10.00   |
| B. For the winter term of the Two-year Winter Course in Agriculture (8 weeks).....   | 10.00   |

Students who are permitted to carry work leading to six credit hours or less in a term will be admitted on the payment of an incidental fee of \$12.50 a term, except that students who are permitted to carry work leading to three hours' credit or less in either the spring half or the summer half of the spring-summer term will be admitted on the payment of an incidental fee of \$7.50 for such half term.

For the purpose of this rule, courses taken as a hearer will be counted in making up the six hours. Such students are entitled to free consultation with the staff of the Student Health Service, but not to other hospital privileges without the payment of hospital fees.

**Fee for Late Registration:** Every student who files his study card after the close of the last day of registration must pay a fee of \$5 for late registration in addition to fees already provided for. This rule applies to all except hearers and to students entering for the short winter courses in agriculture.

**Fee for Diploma or Certificate:** A diploma fee of \$5 must be paid for each degree or life certificate taken in the University, and a fee of \$2 each for other certificates.

**Exemptions from Library, Hospital, and Incidental Fee:** Honor graduates of fully accredited schools for the first two terms in residence at the

University of Missouri, provided the certificate be presented within two years after graduation.

Holders of scholarships from the Masonic Home of Missouri at St. Louis and the Odd Fellows' Home at Liberty.

Honor graduates from colleges composing the Missouri College Union, from Missouri State Teachers' Colleges, from the Harris Teachers' College, and from the accredited junior colleges, for the first two terms in residence at the University of Missouri.

**Refund of Fees:** The library, hospital and incidental fee (provided the student has received no hospital care, in which case no refund will be made) and laboratory fees (provided the amount refunded shall not be less than the cost of the material used in the laboratory by the student) will be refunded in accordance with the following schedule:

<i>Length of Residence</i>	<i>Amount of Fee to be Refunded</i>
First two weeks.....	80%
Between two and four weeks.....	60%
Between four and six weeks.....	40%
Between six and eight weeks.....	20%
After eight weeks.....	No refund

Each member of the University Cadet Band will have his library, hospital, and incidental fee refunded at the close of the term upon a report from the director of the band and the commandant of cadets showing that his work has been satisfactory.

#### AGRICULTURAL CHEMISTRY

Catalog number of course.	Title of course.	Fee.
101f or w.....	Agricultural Analysis.....	\$10.00
110f or w.....	Advanced Agricultural Analysis	
	Three hours' credit.....	3.00
	Four hours' credit.....	5.00
	Five hours' credit.....	5.00
205w.....	Plant Chemistry.....	5.00
211f.....	Research.....	2.00
212w.....	Research.....	2.00

#### AGRICULTURAL ENGINEERING

1f or w.....	Farm Mechanics.....	\$3.00
3w.....	Farm Buildings.....	3.00
10f.....	Farm Shop Practice.....	4.00
11w.....	Gas Engines.....	3.00
112f.....	Farm Tractors.....	4.00
20.....	Surveying and Drainage.....	3.00
30w.....	Farm Machinery.....	2.00
2f.....	Construction Methods.....	4.00
100f.....	Special Problems.....	(*)
101w.....	Special Problems.....	(*)
40w.....	Farmstead Equipment.....	1.00

\*Varies with problem.

**ANATOMY**

Catalog number of course.	Title of course.	Fee.
102f.....	Gross Anatomy (Head and Neck).....	\$14.00
103w.....	Gross Anatomy (Extremities).....	4.00
104f.....	Histology*.....	10.00
105w.....	Neurology.....	4.00
106f or w.....	Topographical Anatomy.....	3.00
107w.....	Study-room Anatomy.....	3.00
206f.....	Advanced Anatomy (per credit hour).....	1.00
207w.....	Advanced Anatomy (per credit hour).....	1.00
208f.....	Research (per credit hour).....	1.00
209w.....	Research (per credit hour).....	1.00

\*The fee in course 104f includes rental of a microscope. A reduction of \$3.00 will be made to each student who provides his own microscope. A student may purchase a microscope thru the department, on a four-payment basis.

**ART, THEORY AND PRACTICE OF**

2f or w.....	Introduction to Art.....	\$2.00
4f.....	Representation.....	2.00
5f.....	Architectural Drawing.....	2.00
10w.....	Theory of Design.....	2.00
101w.....	Psychological Principles of Art.....	2.00
104f.....	Architecture.....	2.00
105f.....	Pictorial Composition.....	2.00
106w.....	Painting.....	2.00
107w.....	Tone.....	2.00
110w.....	Planning Domestic and Civic Buildings.....	2.00
111f.....	Interior Decoration.....	2.00
120w.....	Life	
	Two to three hours.....	2.00
	Four to five hours.....	3.00
122w.....	Life II (same as 120w).....	
125w.....	Advanced Life (same as 120w).....	
127w.....	Advanced Life II (same as 120w).....	
150f.....	Advanced Representation.....	2.00
155w.....	Advanced Design.....	2.00
202w.....	Problems of Design.....	2.00
206w.....	Problems of Form.....	2.00
210w.....	Traditions of Painting.....	2.00

**ASTRONOMY**

103f.....	Observatory Practice.....	\$2.00
104f.....	Geodetic Astronomy.....	2.00
105f.....	Practical Astronomy.....	2.00

**BOTANY**

1f or w.....	General Botany.....	\$6.00
3f or w.....	General Bacteriology.....	6.00
100w.....	Plant Physiology.....	6.00
102f.....	Plant Pathology.....	5.00
103w.....	Advanced Plant Pathology.....	5.00
104f.....	Histological Methods.....	5.00
106w.....	Genetics and Plant Breeding.....	2.00
201f or w.....	Advanced Plant Physiology.....	5.00
111f.....	Special Problems (per credit hour).....	1.00
112w.....	Special Problems (per credit hour).....	1.00
202f.....	Research (per credit hour).....	1.00
203w.....	Research (per credit hour).....	1.00



**CHEMISTRY**

Catalog number of course.	Title of course.	Fee.
1f or w. ....	Elementary Inorganic Chemistry. ....	\$10.00
2f or w. ....	Elementary Inorganic Chemistry. ....	2.00
15f or w. ....	Elementary Organic Chemistry. ....	5.00
25f or w. ....	Analytical Chemistry. ....	15.00
27f or w. ....	Qualitative Analysis. ....	10.00
110f or w. ....	Organic Chemistry. ....	10.00
112f or w. ....	Organic Chemistry. ....	6.00
113f or w. ....	Organic Synthesis and Analysis. ....	10.00
121f or w. ....	Qualitative Chemical Analysis. ....	12.00
122f or w. ....	Qualitative Chemical Analysis. ....	12.00
124f. ....	Quantitative Organic Analysis. ....	10.00
125w. ....	Quantitative Organic Analysis. ....	10.00
130w. ....	Physical Chemistry. ....	10.00
131f. ....	Physical Chemistry. ....	10.00
133w. ....	Electro-Chemistry. ....	10.00
141f. ....	Industrial Inorganic Chemistry. ....	See Note
225w. ....	Qualitative Organic Chemistry. ....	10.00
227w. ....	Advanced Analytical Chemistry. ....	See Note
271w. ....	Research. ....	See Note
272w. ....	Research. ....	See Note

NOTE—Chemistry courses 135, 141, 142, 211, 232, 271, 272, without laboratory work, no fee; with one hour laboratory work, fee \$5.00 for the first hour; for each additional hour, \$2.00.

**CIVIL ENGINEERING**

2f or w. ....	Elementary Surveying. ....	\$3.00
104w. ....	Higher Surveying. ....	3.00
111f. ....	Railway Surveying. ....	3.00
112f. ....	Railway Location and Construction. ....	3.00
120f or w. ....	Graphic Statics. ....	2.00
122f or w. ....	Structural Design. ....	2.00
124w. ....	Mill Structures. ....	2.00
132f or w. ....	Materials of Construction. ....	5.00
133w. ....	Testing Laboratory. ....	5.00
134w. ....	Road Materials. ....	5.00
140f or w. ....	Hydraulics. ....	2.00
201w. ....	Geodetic Surveying. ....	3.00
226f. ....	Concrete Structures. ....	2.00

**DAIRY HUSBANDRY**

1f or w. ....	Elements of Dairying. ....	\$5.00
102f or w. ....	Dairy Bacteriology. ....	5.00
103w. ....	Market Milk. ....	5.00
104f. ....	Dairy Products. ....	7.00

**ECONOMICS AND COMMERCE**

17f or w. ....	Elementary Accounting. ....	\$1.00
117f or w. ....	Advanced Accounting. ....	1.00

**EDUCATION**

EDUCATIONAL PSYCHOLOGY		
A102f or w. ....	Educational Psychology. ....	\$1.00
A155w. ....	Psychological Tests. ....	2.00
METHODS IN AGRICULTURE		
E117f or w. ....	Elements of Visual Education. ....	3.00
E210f or w. ....	Special Problems in Visual Education. ....	5.00
UNIVERSITY SCHOOLS		
D111f or w. ....	Theory and Observation of Teaching. ....	2.00
D155f. ....	Practice Teaching*. ....	5.00
D156w. ....	Practice Teaching*. ....	5.00
D157w. ....	Practice Teaching of Vocational Agriculture*. ....	5.00
D160f. ....	Practice Teaching of Vocational Home Economics*. ....	5.00
D161w. ....	Practice Teaching of Vocational Home Economics*. ....	5.00

\*Fee in Practice Teaching for one or two terms.

**ELECTRICAL ENGINEERING**

Catalog number of course.	Title of course.	Fee.
101f. ....	Electrical Machinery. ....	\$5.00
102w. ....	Electrical Machinery. ....	5.00
103f. ....	Advanced Direct Current Machinery. ....	4.00
110f. ....	Advanced Alternating Current Machinery. ....	4.00
111w. ....	Advanced Alternating Current Machinery. ....	6.00
250f. ....	Special Electrical Laboratory. ....	6.00

**ENGINEERING DRAWING**

1f or w. ....	Engineering Drawing I. ....	\$2.00
2f or w. ....	Engineering Drawing II. ....	2.00
3f or w. ....	Engineering Drawing III. ....	2.00

**ENGLISH**

107f. ....	Dramatic Interpretation. ....	\$3.00
108w. ....	Dramatic Interpretation. ....	3.00

**EXPERIMENTAL PSYCHOLOGY**

1f or w. ....	Instincts and Habits. ....	\$1.00
132f. ....	Experimental Problems (per credit hour) ....	1.00
142w. ....	Experimental Problems (per credit hour) ....	1.00

**FIELD CROPS**

1f or w. ....	Field Crops. ....	\$3.00
101w. ....	Grain Crops. ....	2.00
103f. ....	Forage Crops. ....	2.00

**GEOLOGY AND GEOGRAPHY**

GEOLOGY		
1f or w. ....	Principles of Geology. ....	\$1.00
2f or w. ....	Physical Geology. ....	3.00
15f or w. ....	Advanced General Geology. ....	3.00
100f. ....	Economic Geology. ....	1.00
101w. ....	Economic Geology. ....	1.00
104w. ....	Rocks and Minerals. ....	3.00
107f. ....	Determinative Mineralogy. ....	10.00
118w. ....	Field Methods. ....	5.00
125f. ....	Life of the Paleozoic. ....	5.00
126w. ....	Life of the Mesozoic. ....	5.00
200w. ....	Geology of Oil and Gas. ....	5.00
201f. ....	Principles of Ore Deposits. ....	5.00
207w. ....	Advanced Mineralogy. ....	8.00
209w. ....	Petrology. ....	10.00
216w. ....	Structural Geology. ....	3.00
234w. ....	Paleontology. ....	5.00
235f. ....	Paleontology. ....	5.00
GEOGRAPHY		
6f or w. ....	General College Geography. ....	1.00
110f. ....	Geography of North America. ....	1.00
111w. ....	Geography of South America. ....	1.00
112f. ....	Geography of Europe. ....	1.00
113w. ....	Geography of Asia. ....	1.00
115f or w. ....	Commercial and Industrial Geography. ....	1.00
116f or w. ....	Geography of Trade. ....	1.00

**HOME ECONOMICS**

Catalog number of course.	Title of course.	Fee.
1f or w. ....	Selection and Preparation of Food. ....	\$5.00
11f or w. ....	Food Problems in the Household. ....	5.00
50f or w. ....	Elementary Clothing. ....	3.00
52f or w. ....	Selection and Construction of Clothing. ....	3.00
55f or w. ....	Millinery. ....	5.00
110w. ....	House Planning and Furnishing. ....	3.00
115f or w. ....	Household Management. ....	3.00
120f or w. ....	Foods and Nutrition. ....	5.00
121f or w. ....	Dietetics. ....	3.00
130f. ....	Metabolism and Dietetics. ....	5.00
145f or w. ....	Dress Design. ....	3.00
146f or w. ....	Advanced Dress Design. ....	3.00
150f. ....	The Clothing Problem. ....	5.00
151f or w. ....	Advanced Clothing. ....	5.00
205f. ....	Research in Food Preparation. ....	5.00
206w. ....	Research in Food Preparation. ....	5.00
215f. ....	Supervision of Household Management. ....	5.00
216w. ....	Supervision of Household Management. ....	5.00

**HORTICULTURE**

105f. ....	Systematic Pomology. ....	\$4.00
112w. ....	Advanced Landscape Design. ....	1.00
113w. ....	Spraying. ....	2.00
114f. ....	Fruit Handling. ....	1.00

**INDUSTRIAL ARTS**

1f or w. ....	Woodwork. ....	\$5.00
2f or w. ....	Metalwork. ....	5.00
3f. ....	Pattern Making. ....	5.00
4f or w. ....	Machine Work. ....	5.00
50f or w. ....	Elementary Art Craft. ....	4.00
101f or w. ....	Advanced Art Craft. ....	4.00
102f or w. ....	Bookbinding. ....	5.00
103w. ....	Basketry. ....	5.00
120f. ....	Handwork for Primary Grades. ....	4.00
121w. ....	Handwork for Intermediate Grades. ....	4.00
130w. ....	Furniture Construction. ....	7.00
136f. ....	Advanced Machine Work. ....	7.00

**JOURNALISM**

One fee of \$5.00 to all students registered in the School of Journalism, or to any student taking any Journalism course or courses.

112f or w. ....	Newspaper Illustration. ....	\$2.00
113f or w. ....	Newspaper Illustration II. ....	2.00
131w. ....	Advanced Newspaper Illustration. ....	2.00
132w. ....	Advanced Newspaper Illustration II. ....	2.00

**MECHANICAL ENGINEERING**

101w. ....	Machine Design, A. ....	\$1.00
103w. ....	Machine Design, B. ....	1.00
104f. ....	Machine Design, C. ....	1.00
111f or w. ....	Management Engineering. ....	1.00
121f. ....	Mechanical Laboratory, A. ....	7.00
122w. ....	Mechanical Laboratory, A. ....	7.00
123f. ....	Mechanical Laboratory, B. ....	7.00
131f or w. ....	Heat Machinery, A. ....	5.00
132f. ....	Heat Machinery, B. ....	1.00
133w. ....	Heat Machinery, B. ....	1.00
151f. ....	Heating and Ventilation. ....	1.00
154f. ....	Refrigeration, A. ....	2.00
201f or w. ....	Special Machine Design. ....	1.00
211w. ....	Shopwork Engineering. ....	3.00



**MECHANICAL ENGINEERING—Continued.**

Catalog number of course.	Title of course.	Fee.
221f or w. ....	Special Mechanical Laboratory .....	\$7.00
234f. ....	Gas Engineering. ....	1.00
235w. ....	Gas Engineering. ....	1.00
251w. ....	Refrigeration, B. ....	1.00
261f. ....	Railway Mechanical Engineering. ....	1.00
262w. ....	Railway Mechanical Engineering. ....	1.00

**MEDICAL BACTERIOLOGY AND PREVENTIVE MEDICINE**

102w. ....	Medical Bacteriology. ....	\$10.00
201f or w. ....	Advanced Bacteriology. ....	7.00
202f or w. ....	Research Bacteriology. ....	7.00

**MILITARY**

On account of a special (English) uniform furnished to students taking this course, a deposit of \$15.00 is required, all but about \$3.00 of which will be refunded when the uniform is returned.

**PATHOLOGY**

101f. ....	Pathology and Pathological Anatomy*. ....	\$7.00
102w. ....	Pathology and Pathological Anatomy*. ....	7.00
103w. ....	Neuropathology. ....	5.00
201f. ....	Advanced Pathology. ....	5.00
202w. ....	Advanced Pathology. ....	5.00
203f. ....	Research. ....	1.00
204w. ....	Research. ....	1.00

\*NOTE—The fee in courses 101f and 102w includes rental of microscope. A reduction of \$5.00 will be made in the winter term to each student who provides his own microscope.

**PHYSICAL EDUCATION**

One fee of \$1.50 for any one or all courses, including Military Physical Education.

**PHYSICS**

1f or w. ....	Elementary Physics. ....	\$6.00
2w. ....	Elementary Physics. ....	4.00
3f. ....	General Physics. ....	4.00
4w. ....	General Physics. ....	4.00
104f. ....	Electrical Measurements	
	Four hours' credit. ....	4.00
	Five hours' credit. ....	5.00
106f. ....	Mechanics and Heat	
	For each hour credit. ....	2.00
107f or w. ....	Electricity	
	For each hour credit. ....	2.00
108w. ....	Light	
	For each hour credit. ....	2.00
109f or w. ....	Advanced work in General Physics	
	For each hour credit. ....	2.00
211f or w. ....	Research work. ....	6.00

**PHYSIOLOGY**

1w. ....	Elementary Physiology. ....	\$6.00
101f. ....	Experimental Physiology. ....	10.00
102w. ....	General Physiological Chemistry. ....	8.00
103f. ....	Physiology of Alimentary Mechanisms. ....	3.00
105f. ....	The Physiology of the Nervous System. ....	3.00
107w. ....	Prescription Writing. ....	1.00
108w. ....	Pharmacology. ....	8.00
115f. ....	Advanced Physiological Chemistry (per credit hour)...	1.00
116w. ....	Advanced Physiological Chemistry (per credit hour)...	1.00

**PHYSIOLOGY—Continued.**

Catalog number of course.	Title of course.	Fee.
122w.	Physiology of Respiration.....	\$4.00
124w.	The Circulatory System (per credit hour).....	1.50
225f.	The Advanced Physiology of the Nervous System.....	3.00
231f.	Advanced Physiology.....	
232w.	Advanced Physiology (per credit hour).....	1.00
241f.	Investigation (per credit hour).....	1.00
242w.	Investigation (per credit hour).....	1.00

**POULTRY HUSBANDRY**

1f.	Elementary Poultry Raising.....	\$1.00
2w.	Poultry Production.....	1.00
103f.	Marketing Poultry Products.....	1.00
104f.	Poultry Judging and Breeding.....	2.00
106w.	Incubating and Brooding Practice.....	2.00

**RURAL LIFE**

113w.	Farm Administration.....	\$4.00
115f or w.	Rural Sociology.....	1.00
117f or w.	Rural Community Organization.....	3.00
119f.	Extension Work.....	2.00

**SOILS**

1f or w.	Soils.....	\$3.00
100f.	Soil Fertility.....	5.00
102w.	Soil Surveying.....	4.00
105w.	Soil Bacteriology.....	5.00
106f.	Special Problems.....	See Note
107w.	Special Problems.....	See Note
205f.	Soils Research.....	See Note
206w.	Soils Research.....	See Note

NOTE—106f, 107w, 205f and 206w without laboratory, no fee; with laboratory a fee of \$2.00 for each credit hour.

**VETERINARY SCIENCE**

1f.	Veterinary Anatomy and Physiology.....	\$5.00
2w.	Veterinary Medicine and Surgery.....	5.00
103f.	Veterinary Medicine (Advanced course).....	5.00
104f.	Stock Farm Sanitation and Disease Prevention.....	3.00
105w.	Stock Farm Sanitation and Disease Prevention.....	3.00
106f.	Diseases of Poultry.....	1.00
207f.	Research.....	3.00
208w.	Research.....	3.00

**ZOOLOGY**

1f or w.	General Zoology.....	\$6.00
4w.	Comparative Anatomy of Vertebrates.....	6.00
101f.	Embryology of Vertebrates.....	5.00
102f.	Animal Ecology.....	5.00
103w.	Cytology.....	6.00
105f.	Protozoology.....	5.00
106w.	Parasitology.....	5.00
120f.	Special Problems.....	5.00
121w.	Special Problems.....	5.00
200f.	Research (see note).....	3.00
201w.	Research (see note).....	3.00

NOTE—The minimum fee is \$3.00; for each additional credit hour over one, fee \$1.00.

## DORMITORIES AND THE COMMONS

**Dormitory for Men:** One dormitory for men, Lathrop Hall, lodges twenty-four students.

Each room in Lathrop Hall has a closet and is furnished with two single iron bedsteads, table, and two chairs. Occupants supply whatever else they deem necessary. The rooms are lighted with electricity. The building is provided with steam and hot-air heating, ventilation, and baths.

Two students occupy one room, except with consent, specially given, of the Executive Board.

**Room Rent:** Each student in Lathrop Hall is charged room rent from \$14 to \$20 a term, according to the location of room. The rent must be paid at least fifteen days before the opening of each term.

Students in the short winter courses in agriculture who rent such rooms in the dormitory as are vacant at the time of their entrance are charged therefor in proportion which the length of their course of instruction bears to the entire term.

*Deposit for Rooms Reserved.* As the accommodations of the dormitory are limited, it is necessary for students who wish to engage rooms to make early application; they are generally all engaged before the opening of the college year. To reserve a room a deposit of \$5 is necessary. This is credited on room rent when paid.

Rooms are assigned in the order of application. Requests for them should be made to the Secretary of the University.

Room deposits will not be refunded after August 15 preceding the session for which rooms are assigned. Students desiring to surrender their rooms must notify the Secretary on or before that date.

In the renting of rooms in the dormitory, preference is given to residents of Missouri until August 20 of each year. After that date vacant rooms are rented to first applicants. Preference is also given to freshmen and sophomores, but in case there are vacancies, rooms may be assigned to upperclassmen after August 15.

The University reserves the right to make changes in rates given above before the opening of a term and to cancel all reservations and close the dormitory at any time.

*Caution Deposit.* A caution deposit of \$5 is made by each student who rents a room, as security against damage to or loss of University property. This deposit is refunded at close of the student's connection with the dormitory, provided all charges made against him by the University for such damage or loss have been paid.

*Refunds.* No part of the amounts paid for room rent is refunded when students sever their connection with the dormitory, but with the consent of the Secretary of the University they may rent their rooms to others.

**Dormitory for Women:** Read Hall, a dormitory for women, was opened in 1903. The hall lodges thirty-two young women. The dining room accommodates about forty additional day boarders.

*Room Rent.* The rent of rooms is from \$36 to \$50 a term for each occupant, according to location of room. In addition, there is a small charge for the use of an electric iron. The rent must be paid at least fifteen days before the opening of each term and is not refundable.

*Board.* The cost of table board, subject to revision, is \$7 a week and is payable monthly in advance.



The University reserves the right to make changes in the rates given above before the opening of a term.

*Application for Room.* Application for room or for place in the dining room is made to the Secretary of the University. Applications may not be filed more than one term in advance. Application for room includes application for board, but a separate application may be made for a place in the dining room. A deposit of \$5 must accompany each application. This deposit is credited on the first payment for room or board.

Rooms are assigned in the order of application. Preference is given to freshmen or sophomores, but in case there are vacancies, rooms may be assigned to upperclass women after August 15.

No student may reside in the hall for more than two years, unless vacancies occur after August 30.

If the application for either room or board is withdrawn before August 1, the deposit will be refunded; if withdrawn after that date, the deposit will not be refunded.

Students boarding at the Hall are required to continue during the entire term unless excused from the University. No refunds are made except for absences longer than seven days.

The customs of the hall are such as would be found in any refined home.

**Private Board and Lodging:** Board in private families may be had for from \$5 to \$7 a week.

*Private Board for Women.* The adviser of women has an approved list of boarding houses for women students. They should consult with her before securing rooms or board, and they are expected to confer with her before changing boarding places.

*Regulation of Rooming Houses.* The University reserves the right to prescribe rules under which its students shall room in private homes, dormitories, and chapter houses, or elsewhere, whether these rules are or are not published in the annual catalog.

Men and women who are students of the University may not room in the same houses, unless they are relatives of the family.

Every sorority house, fraternity house, and student club is required to employ an approved chaperon or matron.

Students who wish assistance in finding rooms and board should apply to the Secretary of the University, Academic Hall.

**The Commons:** The Commons is under University management. It is open to both men and women. It consists of a cafeteria in which meals are served at cost.

#### Estimated Expenses for One Term:

Fees.....	\$40
Board.....	120
Rent.....	40
Laundry.....	15
Books and stationery.....	25
Miscellaneous.....	50

---

Total..... \$290

These estimates show the expenses of the *average* male student. Expenses for a woman will usually be \$25 higher. No provision is made in the estimates for clothing and railway fares. Nonresident students are required to pay an additional nonresident tuition fee of \$10 a term.

A student wishing to economize can save money by boarding at The Commons. He can reduce room rent by living in the University dormitory. Miscellaneous expenses listed above cover amusements, organization dues, etc. Some saving may be made in them. The item for books and stationery may vary with the college or school in which work is taken. Laboratory fees will also vary.

### SOURCES OF AID TO STUDENTS

**Employment Bureaus:** Employment bureaus are maintained by the University for the purpose of obtaining work for those students who find it necessary to earn a part of their expenses. These bureaus guarantee no one a position, but try to help all who apply.

Men desiring information regarding employment should write to the Secretary, Employment Bureau, Y. M. C. A. Building, Columbia, Missouri.

Women who desire information regarding employment should write to the Secretary, Employment Bureau Y. W. C. A., Academic Hall, Columbia, Missouri.

**The Rollins Aid Fund:** Anthony W. Rollins, M. D., father of James S. Rollins, left by his will the sum of \$10,000 in trust for the purpose of educating such indigent youths of Boone County, both male and female, as might be unable to educate themselves. Three-fourths of the annual interest on the fund, according to directions of the donor, is to be devoted to the education of youths of Boone County, and the remaining one-fourth is to be added to the interest-bearing principal. The fund amounts now to about \$63,000. The president of the University is required, at each Commencement, to invite citizens who may be present to subscribe for the enlargement of this fund. Beneficiaries of this fund are, at the beginning of each term, annually selected by the President of the University. In compliance of the wishes of the donor, the selection is made with reference to the morals as well as the intellectual qualities of the youths inclined to avail themselves of the advantages of the fund, preference being given, in the selection of boys, to such as evince an inclination to preach the gospel.

Application for aid from the Rollins Aid Fund must be in writing; a blank form will be furnished by the Secretary of the University, with whom it must be filed after it has been made out. The applicant must appear in person at the opening of the term, as no reservation will be made. No application should be made, or will be received, unless the applicant has been duly admitted to the University. Those to whom money is advanced from this fund are expected to regard it as a loan.

**The William Alexander Gregory Educational Fund:** By the terms of the will of the late Charles R. Gregory of St. Louis, the residue of his estate, amounting to approximately \$250,000, after providing for numerous bequests to charitable institutions, was left to the University of Missouri to create the above fund, named in honor of his brother. The will directs that the principal shall be invested by the Board of Curators in a safe and prudent manner, and that the income "shall be used in assisting white students of either sex in obtaining an education in any of the courses of said institution." The income is administered by a committee appointed by the President of the University.

A part of the income is used for the establishment of the Gregory Fellowships and Scholarships, awards being made only to persons whose schol-

arship is satisfactory, and whose need of financial assistance has been proved to the committee.

A further part of the income is set aside as a loan fund to be used for making loans to students who have made clear their intellectual ability, their integrity, and their need of such assistance. Applicants for loans from this fund must see personally the chairman of the committee before their applications will be considered by the committee. Inquiries for further information should be addressed to the chairman.

### MEDICAL ATTENTION FOR STUDENTS

Regularly enrolled students who carry a full program of work in the University and who pay the full fee of \$25 a term may have free medical attention and hospital care, except those in the employ of the University who hold rank higher than that of undergraduate student assistant. In the dispensary at the hospital, any student may consult with and have treatment by the members of the staff of the department of clinical medicine and surgery. The attention of the same staff physicians is available to students who have been admitted to the hospital. No charge will be made for surgical operations that are considered by the staff as imperative.

Hospital care is given without charge except for extraordinary medicines and for special nursing. When a special nurse is required the patient must pay the whole cost of that service. The need for a special nurse will usually be determined by the physician in charge.

The University has established quarters in which there may be detained and cared for a limited number of those who suffer from dangerous communicable diseases. Students who are detained in quarantine established by the University will be required to accept the exclusive professional service of the members of the department of clinical medicine and surgery, except when consultation is desired or required by the patient or his family. Under ordinary conditions a student may engage a physician of his own choice, in which case he will be responsible for the physician's fee. The University will not in any case undertake to furnish professional service except that rendered by the staff of the department of clinical medicine and surgery.

Those students who are ill in any degree are urged to report at the hospital promptly for advice and treatment. A nurse is on duty in the hospital every day of the University session from 8 a. m. until 4:30 p. m. to give information about the medical and surgical service of the dispensary and to make appointments for consultation and treatment. Students ill enough to be detained in bed may be admitted to the hospital at any time.

It is not the policy of the University to provide medical attention for students in their homes or boarding houses. The members of the staff do not treat students at any place other than at the Parker Hospital except under unusual circumstances.

Vaccination against smallpox is required of all students and immunization from typhoid fever is recommended.



## FELLOWSHIPS, SCHOLARSHIPS, PRIZES

---

### UNIVERSITY FELLOWSHIPS AND SCHOLARSHIPS

The University offers a limited number of fellowships each yielding an annual stipend of \$600. These fellowships will be awarded to those applicants who, irrespective of department, have completed at least one year of successful graduate study and have demonstrated their ability to render service in the form of research. The University also offers a limited number of scholarships of \$300 a year, open to graduate students of high promise in scholarship, irrespective of the lines of work they may desire to pursue. It is expected that scholars be well qualified for graduate work in the subject which they elect, and that they shall devote themselves mainly to work in such subject. They will be called upon to give a limited amount of service to the University.

University fellows and scholars are allowed to engage in outside work only with the consent of the graduate committee and the professor of the subject which they elect. The executive board, upon the recommendation of the committee and professor, may deprive any student of his fellowship or scholarship whenever it may appear that he is not devoting himself as he should to his work as a fellow or scholar.

Applications must be filed not later than March 1, in order to receive consideration in the award for the next academic year. Applications received after this date will be considered in filling vacancies that may occur. Application blanks may be obtained from the Registrar of the University and, when filled out, should be sent to the Dean of the Graduate Faculty, University of Missouri, Columbia, Missouri.

### PEABODY SCHOLARSHIP IN EDUCATION

In June, 1922, the trustees of the Peabody Education Fund gave the University the sum of \$6,000 on condition that it be held and used as the endowment of a Peabody Graduate Scholarship in Education. The annual income on this fund will be paid to the holder of the scholarship. The award will be made in the same manner as the University scholarships.

### GREGORY FELLOWSHIPS AND SCHOLARSHIPS

The Board of Curators has seen fit to provide that not more than \$3,000 annually from the income of the William Alexander Gregory Educational Fund may be used for the establishment and maintenance of fellowships and scholarships in the Graduate School to be known as the "Gregory Fellowships and Scholarships." These are awarded on the same conditions as apply to the University fellowships and scholarships.

### AGRICULTURAL RESEARCH FELLOWSHIPS AND SCHOLARSHIPS

The University offers a limited number of research fellowships in the Agricultural Experiment Station each yielding \$600 a year, and scholarships each yielding \$300. It is the purpose of these fellowships and scholar-

ships to foster and encourage original investigation and to give opportunity to students who desire to become efficient investigators in agricultural science. All candidates for these fellowships and scholarships must fulfil the requirements for admission to the Graduate School. See page 000.

These fellowships and scholarships are available in all departments of the College of Agriculture. The fellowships are awarded only to such applicants as have completed one year of successful graduate study and have demonstrated their ability to carry on independent research work. The scholarships are awarded to those candidates who, as undergraduates, have shown exceptional ability in scholarship and a capacity for original research. Application blanks for these fellowships may be obtained from the Registrar of the University and, when filled out, should be sent to the Dean of the Graduate Faculty, University of Missouri, Columbia, Missouri. Applications must be filed not later than March 1 in order to receive consideration in the award for the next academic year. Applications received after this date will be considered in filling any vacancies that may occur.

**Volker Scholarship in Social Service:** William Volker of Kansas City has established in the department of sociology, in order to encourage training in social welfare work, a graduate scholarship of the annual value of \$300. The scholarship will be awarded upon the same conditions as apply to the University fellowships and scholarships.

#### CURATORS' SCHOLARSHIPS

**Missouri College Union Honor Graduates:** The student attaining the highest grade, or who shall be first in merit, in taking the degree of A. B. or B. S. in the graduating class of any of the universities or colleges composing the Missouri College Union, will be admitted to this University for the first two terms without payment of the library, hospital, and incidental fee, provided the certificate be presented within two years from date of graduation. The Missouri College Union is composed of Washington University, Westminster College, William Jewell College, Drury College, Central College, Missouri Valley College, St. Louis University, Park College, Tarkio College, Central Wesleyan College, Missouri Wesleyan College, the University of Missouri, Culver-Stockton College, and Lindenwood College.

**Honor Graduates of Secondary Schools:** By order of the Board of Curators, the student who ranks highest in the graduating class of any fully accredited school of the University of Missouri will be permitted to enter the College of Arts and Science, the College of Agriculture, or the School of Engineering, without payment of the first two terms' library, hospital, and incidental fee, provided the certificate be presented within two years from date of graduation.

The following students were admitted during the spring-summer term, 1921, and fall and winter terms of the session 1921-22 under this provision:

Thomas Calhoun Adams, Tipton; Marian J. Alexander, Morrisville; Albert Clem Atteberry, Atlanta; Marion Frances Berry, Festus; Dewey Lee Bohannon, Lebanon; Arthur Bond, Perryville; Frances Mae Branam, Higginsville; Robert Allen Burney, Peculiar; Hugh Allen Charles, Sheldon; Leo Cissel, Perryville; Edgar W. Collins, Newton; Aubrey Cook, Harrisonville; Otho Duncan, Rocky Comfort; Blanche Elkins, Dixon; Lynn Moore Ewing, Nevada; Arthur Bruce Glover, Bogard; H. R. Hall, Billings; Enger Amanda Hillix, Weston; Lorine Jacobs, Columbia; Gladys Essilee Kistler,

Mexico; Maynard Clare Krueger, Kahoka; Marie Henrietta Kunze, California; Lewis M. Livingston, Mountain Grove; Elizabeth Longan, Westport High School, Kansas City; Floyd E. Mather, Raymore Consolidated; Leonard Elledge Mayes, Cabool; Lionel Clifford Milligan, Richards; Robert J. Moore, Williamstown; Cecil Paul Moss, Seneca; Sadie May Neal, Maryville; Lyman G. Neel, Callao; A. D. Otto, Jr., Kingston; Alva Thurman Rhoads, Green City; Robert Winfield Rippstein, Hermann; Dorothy Roe, Webb City; Josie May Slaughter, Bethany; Edwin S. Steinmetz, Sweet Springs; Donald V. Stewart, Daleview (Fairfax); Chloie Stickler, Green City; Floyd George Summer, Memphis; Nora Vee Swartz, Madison; Elizabeth Upton, Bolivar; John Henry Vossbrink, Union; Zella Von Grempp, Iberia Academy, Iberia; Verna Elizabeth Wade, Jameson Consolidated (District H. S.); Ila Myrtle Watson, Howard-Payne Academy, Fayette; Frances Wetmore, Paris; Elizabeth White, Flat River; Lucile Wright, Westport High School (Kansas City).

**Honor Graduates of Missouri State Teachers' Colleges:** The student attaining the highest grade, or who shall be first in merit, in the graduating class in the advanced course of any of the Missouri state teachers' colleges or the Harris Teachers' College of St. Louis, will be admitted to this University for the first two terms without payment of library, hospital, and incidental fee, provided the certificate be presented within two years from date of graduation.

**Honor Graduates of Accredited Junior Colleges:** The student who ranks highest in the graduating class of any of the accredited junior colleges will be admitted to this University for the first two terms without payment of library, hospital, and incidental fee, provided the certificate be presented within two years from date of graduation.

The following student was admitted during the winter term 1922 under this provision: Kathryn Kimbrell, Synodical College, Fulton.

**Masonic Home of Missouri and Odd Fellows' Home:** Free scholarships in the College of Arts and Science are offered to such students of the Masonic Home of Missouri, at St. Louis, and the Odd Fellows' Home, at Liberty, as may be prepared to enter the University.

**Debating:** At a meeting of teachers of accredited schools at the University in May, 1914, arrangements were made for the organization of a Missouri High School Debating League. Any high school in the state which is accredited by the University may become a member of this league by paying the annual dues of \$3 before October 31 of each year. These dues should be paid to the district director.

Series of debating contests are held among the various schools composing the league and a final contest determining the winning team for the state is held in Columbia on High School Day. A scholarship of the value of \$125 in the University is given to the best individual debater. This scholarship will be paid in monthly installments during the student's first two terms in the University. The subject for debate by the league in 1921-22 was: *Resolved, That the Principle of the Closed Shop should prevail in American Industry.* The rules governing the league and further information may be obtained by writing the DIRECTOR OF UNIVERSITY EXTENSION, COLUMBIA, MISSOURI.



## OTHER SCHOLARSHIPS

**Gregory Senior Scholarships:** Ten scholarships, paying to the holders \$150 each, in installments during their senior years, are provided from the William Alexander Gregory Educational Fund. The holders are selected by the Gregory Fund Committee from among the students of high scholarship in all divisions of the University at Columbia.

**Scholarship in American Citizenship:** A scholarship is offered in American Citizenship of the annual value of \$250. This scholarship was established in 1908 by the Missouri Society of Colonial Dames of America. Candidates may be of either sex, must be natives of and resident in Missouri, must be unable without pecuniary assistance to complete the University course, and must satisfy all entrance requirements to the University.

Each candidate must present to the committee on the scholarship in American citizenship, on or before March 1, a formal application, together with letters or other evidence of the fulfillment of the general requirements outlined above, and must pass a qualifying examination. Blank forms for application may be obtained from the Registrar. The qualifying examination, which will be held at the local high school on the first Saturday in April, will include the following subjects described in the University catalog under "Subjects Accepted for Admission": Three units in English, three units in Latin or two units in any other foreign language, one unit in medieval and modern or in English history, one unit in American history, and one-half unit in civil government. The final selection will be made by the Missouri Society of the Colonial Dames of America from the candidates passing the qualifying examination.

"The scholar will be required to select his courses at the University subject to the approval of the University committee on the scholarship in American Citizenship. He must select at least one full course in history each year. His total courses in history must include at least three full courses in American history, provided that one full course in American government shall be substituted for one of the required courses in American history. The scholar will be required to present each term a paper prepared in connection with the prescribed course in history. These papers, together with a special report on the work of the scholar, shall be sent each year to the Missouri Society of the Colonial Dames of America."

The payment under this scholarship shall be made in eight monthly installments. The scholarship will be awarded for four years, but may be withdrawn at any time if the work of the scholar is of unsatisfactory character. The next regular award will be made in 1922. All communications regarding the scholarship should be addressed to the Committee on the Scholarship in American Citizenship, University of Missouri, Columbia, Missouri.

**Frank P. Blair Scholarship:** A scholarship of the value of \$250 a year was established in 1911 by Mrs. B. B. Graham of St. Louis in memory of her father, the late Frank P. Blair. It is awarded on the same general terms as the scholarship in American citizenship, except that the candidate need not be a native of Missouri. The next regular award of this scholarship will be made in 1923.

**Rhodes Clay Scholarship:** This scholarship was established by Green Clay of Mexico, Mo., in memory of his son, Rhodes Clay, with the following conditions:

1. The sum of \$5,000 was given in trust to the Board of Curators for the establishment of a freshman scholarship to be called the Rhodes Clay Scholarship, and to be so denominated perpetually in the official catalog of the University.

2. The annual interest on \$5,000 is to be paid to that member of the freshman class in the College of Arts and Science who, on the score of scholarship, deportment, and general worthiness, shall be judged entitled thereto by a committee hereafter to be mentioned. The Board of Curators however, may, for weighty reason, upon the recommendation of the President of the University, extend competition to one or more of the other divisions at Columbia.

3. In making the award, scholarship and literary attainments alone are not considered, but the moral character, physical constitution, and general worthiness of the various candidates will be duly considered.

4. A committee of award is appointed each year by the President of the University, and the award is announced at the opening convocation in the fall.

5. The student to whom the scholarship is awarded for any year must spend the following year pursuing work in the University.

6. In case the student to whom the award is made is unable for any reason to meet the requirements set forth under No. 5, the committee of awards will make another selection.

7. The amount of the scholarship will be paid by the Secretary of the University in eight equal installments to that student to whom it has been awarded, the first payment to be made September 1 and the other payments the first of each following month until the entire amount has been paid.

#### **United Daughters of the Confederacy Scholarships:**

*Margaret McLure Scholarship, St. Louis:* A scholarship of the annual value of \$200 was established in 1916 by the Margaret McLure Chapter of the Daughters of the Confederacy. The scholarship is awarded to a young lady who must be a resident of Missouri, must be of southern lineage, must be unable without pecuniary assistance to take a University course, and must satisfy all entrance requirements to the University. The next regular award of the scholarship will be made in 1922.

*Robert E. Lee and George Edward Pickett Scholarship, Kansas City:* A scholarship of the annual value of \$150.00 established by Kansas City Chapters of the George Edward Pickett Chapter and the Robert E. Lee Chapter. Candidates may be of either sex, must be at least seventeen years old, have at least one Confederate ancestor, must reside in Kansas City, Missouri, must be unable without pecuniary assistance to take a University course, and must satisfy all entrance requirements to the University. The next regular award of the scholarship will be made in 1922.

*Dixie Chapter Scholarship, Kansas City:* A scholarship of the annual value of \$150.00, established by the Dixie (Kansas City) Chapter. Awarded under the same general terms of the other U. D. C. Scholarships.

*Marshall Rust Scholarship:* A scholarship of the annual value of \$200.00, established in 1922 by the Emmett McDonald (Sedalia) Chapter. Awarded under the same general terms of the other U. D. C. Scholarships.

**Eugene Field Scholarship:** A scholarship as a memorial to Eugene Field, a former student at the University of Missouri, was established in 1913 by contributions obtained largely thru the efforts of J. West Goodwin, Sedalia. The scholarship consists of the income on \$1,500. It is open to students who have been at least two terms in the School of Journalism

and who will continue as students in the school at least two terms after the award. It is given annually, at the close of the winter term, to that student of the foregoing group who has shown himself best equipped in professional ideals and in general newspaper-making ability, to do the work of a journalist.

**J. L. Torrey Scholarship:** Thru a gift from the late Colonel Jay L. Torrey of Fruitville, Howell County, Missouri, a scholarship has been established to be awarded annually to the deserving woman student in the School of Journalism adjudged by the Faculty best equipped to do the work of a journalist. It is open to women students who have been at least two terms in the School of Journalism, and who will continue at least two terms after the award. The scholarship consists of the income on \$2,000.

**John W. Jewell Scholarships:** These scholarships were established by H. S. Jewell and Mrs. John W. Jewell of Springfield, Missouri, in memory of Mr. Jewell's son, John W. Jewell, a former student in the School of Journalism. They are awarded annually at the close of the winter term to five students in the School of Journalism adjudged by the Faculty most deserving, upon the basis of scholarship and general merit, in each of the following departments of the School of Journalism: History and Principles of Journalism, Editorial, News, Advertising, and graduate work. The five scholarships are \$50 each, paid from the income on a donation of \$5,000.

**The Isaac Hinton Brown Scholarship:** The Missouri Woman's Club of New York City offers a scholarship of the value of \$250 a term, which may be awarded for four years to a young woman who meets the following requirements: She must be of Caucasian parentage, a native of Missouri, preferably from a rural district, and must be a graduate of a Missouri high school. She must, furthermore, be able to satisfy all entrance requirements to the University, must expect as a candidate for the degree of B. S. in Education to prepare for the profession of teaching, and must be unable without financial assistance to complete the University course. This scholarship may be withdrawn at any time if the work of the scholar is unsatisfactory or if there are other sufficient reasons for its withdrawal. The selection is based upon the results of competitive examinations and upon other factors indicating high character and educational promise. Application blanks and detailed information may be obtained from the Chairman of the Isaac Hinton Brown Scholarship, University of Missouri, Columbia.

**S. H. Ford Scholarship:** This scholarship was founded without specification as to how it should be awarded. The Board of Curators has assigned it to the School of Education, with the provision that it shall be awarded in April of each year to some student in the graduating class who, upon the basis of scholarship and probable service in the field of education, is deemed most worthy to receive the scholarship, and that public announcement of the award be made by the President of the University on Commencement Day. The scholarship consists of the income on \$1,000, and at present affords \$50 a year.

**J. V. C. Karnes Scholarship:** As a memorial to her husband, the Hon. J. V. C. Karnes, formerly President of the Board of Curators, the late Mrs. J. V. C. Karnes, of Kansas City, Missouri, provided for a scholarship of \$50 annually to be awarded by the Faculty of the School of Law to the



student in the second-year class who, in the judgment of the Faculty, has made the best general record during the year. This scholarship is payable in two equal installments, at the beginning of the fall and winter terms of the student's third year in the School of Law of this University.

**James S. Rollins Scholarships:** In 1889 James S. Rollins left \$6,000 to endow six scholarships in the University—"the interest" on this \$6,000 "to be forever used" under the direction of the Board of Curators of the University for founding scholarships to be awarded by the President and Faculty of the University as a recognition of merit and character. The scholarships are awarded as follows:

In the College of Arts and Science, to two members of its junior class, \$50 each.

In the College of Agriculture, to a member of the junior class, \$50.

In the School of Law, to a second-year student, \$50.

In the School of Engineering, to a fourth-year student, \$50.

In the School of Medicine, to a first-year student, \$50.

These scholarships are payable immediately after commencement each year.

**The Sharples Prize Scholarship:** Realizing the importance of the dairy industry in our national affairs and the desirability of encouraging young women to take a more active part in the development of this industry, Mr. P. M. Sharples, president of the Sharples Separator Company, West Chester, Pennsylvania, established in 1920 a scholarship amounting to \$500 yearly in the University of Missouri known as the Sharples Prize Scholarship in Dairy Husbandry.

The purpose of the scholarship is to encourage young women to enter the field of dairy industry. The scholarship is administered by a Committee of the Faculty of Agriculture, subject to the following conditions:

1. It is a senior scholarship awarded annually to a young woman at the completion of her junior year. Applications may be considered from those who have completed five terms of work or its equivalent.

2. Special points which will receive attention in determining a candidate's fitness for this scholarship are:

- (a) Personality, maturity, moral character, special training, and general fitness for responsibility to engage in public work in the dairy industry.

- (b) She must rank above normal (100%) in general scholarship.

- (c) She should previously have taken some elementary work in dairying. This should be the course 1, "Elements of Dairying," offered by the Department of Dairy Husbandry, or its equivalent. In addition, some elementary work in the selection and preparation of foods is required. This should be course 1, "Selection and Preparation of Food," and course 11, "Food Problem of the Household," offered by the Department of Home Economics or their equivalent.

3. It is expected that the holder of this scholarship will elect such special courses in Dairy Husbandry and related subjects as will enable her to be familiar with the production, manufacture, and handling of dairy products and their place as prime foods in the American diet.

4. Payments will be made in eight monthly installments.

5. The scholarship may be revoked at any time in case the committee decides that the holder has been guilty of negligence or failure to comply with the conditions of the scholarship or of conduct of any kind that is unbecoming a student holding such a scholarship.

All communications regarding the scholarship should be addressed to  
PROFESSOR A. C. RAGSDALE, DAIRY DEPARTMENT, UNIVERSITY OF MISSOURI, COLUMBIA.

### PRIZES

**William J. Bryan Prize:** Established by the Board of Curators thru a donation by W. J. Bryan of Lincoln, Neb. The prize consists of \$17.50 in money or a medal of equivalent value, at the option of the successful contestant, and is awarded for the best essay on some subject pertaining to the science of government. In 1922-23 the William J. Bryan Prize will be awarded for the best essay on "Administrative Reorganization in Missouri," under the following conditions:

1. Competition is open to all students of the University.
2. Essays submitted shall contain not more than 2,500 words.
3. They must be in the hands of the Registrar of the University not later than 12 o'clock noon of the last Saturday in March.
4. Each essay shall be signed with a fictitious name and be accompanied with a sealed envelope containing the real name of the writer and bearing the fictitious name on the outside.
5. An essay which is awarded a prize shall become the property of the University and be deposited in the library.

**Chi Omega Social Betterment Prize:** The Rho Alpha Chapter of the Chi Omega Fraternity has established a prize of \$25 to be known as the Chi Omega Social Betterment Prize. The basis of the award will be the comparative achievements of the competitors with respect to the following points:

1. Grade work done as shown in class average and examinations.
2. Amount of work taken in the department of sociology.
3. General interest manifested in social service.
4. To a limited extent, the character of work done in other departments of the University, especially in the department of history and economics.

The prize is open to upperclass women students only and is awarded at commencement each year.

**Menorah Prize:** This prize was established in 1917 by Max C. Reefer of Kansas City, Missouri, thru the Intercollegiate Menorah Association and has been continued since the death of the elder Mr. Reefer by his son, E. J. Reefer of Kansas City, in memory of his father. The prize consists of \$50. It is awarded annually for the best essay by any undergraduate, regardless of creed, of the University of Missouri, on an approved subject dealing with Jewish history, literature, religion, or current questions affecting the Jews. The conditions governing the contest may be obtained by application to Dean Walter Miller, Chairman of the Committee on Menorah Prize, University of Missouri.

**William Mack Prize:** William Mack of New York City, a graduate of the School of Law, provides this school annually with a set of the "Corpus Juris-Cyc," in about forty volumes, which is awarded to that member of the third-year class who, in the judgment of the Faculty, has made the best progress during the year. Four terms' residence as a student in the school is required of candidates for this prize.

This prize will not be awarded to the student who has previously been awarded a similar prize for the best work in a legal research training course.

In that event it will be awarded to the student second in excellence, as aforesaid.

The Curators have provided two silver cups to be awarded each year, one to the best drilled company of Infantry and one to the best drilled battery of Field Artillery.

Two medals have been provided for marksmanship, one to be given to the best rifle shot and one to the best pistol shot.

Two medals have been provided for military efficiency, one to the best private of Infantry and one to the best private of Field Artillery.

**Weekly Review of the Far East Prizes:** Two prizes of \$50 each are offered by the Weekly Review of the Far East, of Shanghai, China, thru J. B. Powell, its editor, an alumnus of the School of Journalism, to the students of the school writing the best editorial essays on a subject dealing with the problems of the Pacific as they affect America. One prize is awarded in the fall term and one in the winter term. A definite subject is announced for each term.

**Missouri Society of Japan Prize:** A prize of \$50 is offered by the Missouri Society of Japan to the student of the School of Journalism who writes the best essay on a subject dealing with the relationships of Japan and the United States. Announcements of the special subject and the details of the contest will be issued later.

## MEDALS

**Laws Astronomical Medal:** The S. S. Laws Astronomical Medal is offered annually at commencement to the student who stands highest in astronomy, and has at the same time attained a high average of general scholarship. An original thesis written on some astronomical subject, and showing capacity for scientific investigation, is required.

**The Henry and Mary Cornelia Crumbaugh Medal:** This medal was provided by the will of Mrs. Roberta Lee C. Herne in memory of her father and mother, former residents of Columbia. Mrs. Hearne gave to the Curators of the University \$1,000, the income on which is to provide a medal of the value of \$50, to be awarded annually as a scholarship medal for excellence in chemistry. The medal will be awarded for excellence in household chemistry or chemistry of nutrition.

**McAnally Medal:** The McAnally Medal is offered for the best essay, thesis or poem by a member of the senior class submitted to the English department by April 6. Any literary subject will be acceptable.

**Stephens Medal:** This prize was established by a gift of the late James L. Stephens of Columbia, and is awarded annually for the best oration by any student of the University who has not received a Bachelor's degree. The prize consists of a book in defense of the Christian religion, and a gold medal, for the purchase of which the annual interest on \$500 is available. The orations must be submitted not later than the second Friday in February. The winner will represent the University in its annual contest of the Missouri Valley Oratorical Association.



# STUDENT ACTIVITIES

---

## GOVERNMENT

**Regulations Governing Student Activities:** All organizations of students in the University, except those which are under the control of a special board or faculty committee, are under the supervision of the committee on student activities. The complete rules of this committee are issued each fall in "The Student Handbook," but some of the more important rules are given here.

No student organization which in any way represents the University before the public, or which holds itself to be a University organization or an organization of University students, may use the name of the University in connection with its own name, or in connection with its members as students, without consent of the faculty committee on student activities. This regulation does not apply to any student organization which is in the charge of a special board or faculty committee.

An auditing committee consisting of the University accountant and one member of the committee on student activities supervises all financial operations of public performances given by or under the management of student organizations, except those in charge of a special board committee. All student publications except the *Columbia Evening Missourian* are supervised in the same manner.

Students whose class work is not satisfactory are not permitted to take any part in any public dramatic or musical performance. Organizations having both men and women members are not permitted to give out-of-town performances.

**Discipline:** In the government of the University, the President and faculty rely chiefly upon the sense of duty of the students. The student is expected to pursue his studies with diligence, to attend classes regularly, to live morally, and maintain good behavior. The removal of those who fail to meet these requirements is in the interest of the University. Students are under direct supervision of the University only when on the campus, but they are responsible for their conduct wherever they may be.

**Student Government:** Some years ago the students took their first important step toward self-government, with the establishment of a student senate to advise with the faculty committees on discipline. Later they effected a permanent student organization adopting a constitution and electing a president and council. The student senate represents the students in cases of discipline, while the council has power to make recommendations upon matters of student policy, and to represent the student body in negotiations with the faculty and officers of administration.

**Provision for Women:** All departments of the University are open to women, except that of military science and tactics. In the lecture room they receive the same instruction and meet the same intellectual requirements as the men. The women students have use of a suite of five rooms in Academic Hall equipped for health and comfort and presided over by a matron. One of these rooms is fitted up as a gymnasium, and is under the control of the instructors in physical education for women.

The Adviser of Women of the University gives general and individual attention to the needs of women students and consults with them on any matter concerning their welfare. She exercises a general supervision over all houses where women students live, and the latter, before engaging rooms in boarding houses or in private families, should first make sure of the approval of the Adviser of Women.

For details concerning Read Hall, the dormitory for women, see page 48 of this catalog. Sorority houses and rooming houses for women have, in general, the same house customs as Read Hall.

## SOCIETIES

**Fraternities and Sororities:** There are at the University of Missouri chapters of many of the leading fraternities and sororities. These are all subject to certain rules and regulations of the faculty committee on student activities. The fraternities have formed the Pan-Hellenic Council and the sororities the Pan-Hellenic Association, both of which are strong organizations and both are exerting a good influence for better scholarship. The committee on student activities, as far as possible, deals with the Pan-Hellenic Council and the Pan-Hellenic Association in matters affecting the chapters which are members of these organizations.

**Literary and Scientific Societies:** Many literary and scientific societies are maintained in the University, with practically each department and each special field of interest represented. Some of these are conducted by members of the faculty and are open to advanced students. Others are conducted by students, in some cases with the participation of members of the faculty.

**Honorary Societies:** There are several honorary societies in the University, organized to raise scholastic and cultural standards in their respective lines. In addition to the general literary society, Phi Beta Kappa, the scientific society, Sigma Xi; the social science society, Alpha Zeta Pi; the national musical fraternity, Phi Mu Alpha, and general honor societies, there are similar organizations in the schools of Law, Engineering, Medicine, Journalism, Education, Business and Public Administration, the Graduate School, and the College of Agriculture, and in several of the departments.

## RELIGIOUS INFLUENCES

**Churches:** Columbia has seven churches near the University. Members of these churches are interested in the students and endeavor to make them feel at home in the Sunday services, at the midweek meetings, and at the young people's societies.

**Young Men's Christian Association:** The Young Men's Christian Association was organized in the University in 1890. Bible and mission study classes, men's meetings, and other wholesome religious activities are conducted by the association. The Association Building, situated at the main entrance of the University, is a social and religious center for men of the University. In it are dormitory rooms for eighty men, club rooms, parlors, bowling alleys, game rooms, reading rooms, swimming pools, and other features attractive to young men. The association wants to serve the new student. It invites correspondence with young men who expect to enter the University, and urges new students to come to the Association Building upon arrival in Columbia, where they will find the official list of rooming and boarding houses.

**Knights of Columbus Student Home:** The Knights of Columbus of Missouri have established a student home a few blocks from the University campus. This home has rooms for seventy-two men students; meals are served, and a parlor, a billiard room, and an auditorium are provided for rest and recreation. The facilities of the home are open to students of all denominations, the auditorium, in particular, being obtainable for student gatherings.

**Young Women's Christian Association:** The Young Women's Christian Association, organized in the University in 1891, exists solely to be of service to the women students. It offers opportunity for development and training in religious and social service. It endeavors to bring the University women into closer relationship with their churches, and to help in every other way to make their University life most pleasant and most worth-while. The association has its office on the second floor of Academic Hall. The weekly meetings are held on Thursday afternoon. During registration week, the general secretary may be found at her desk at any time. She is there to be of help to new students in finding boarding places, enrolling, finding employment, and to give general information.

### THE UNIVERSITY ASSEMBLY

The students and faculty assemble in the University Auditorium from time to time to hear addresses by well-known educators and representative men in other fields. The purpose is to broaden the intellectual, social, and religious life of the University. The assembly serves also to bring together students of all divisions, and to conserve University spirit. There are no fixed dates, but assemblies are arranged whenever it is possible to get a lecturer.

### THE UNIVERSITY CO-OPERATIVE STORE

The students of the University maintain a co-operative store to sell themselves books, stationery, and general supplies. Management of the store is in the hands of a board of directors elected by the students. The store is in Academic Hall.

### THE MISSOURI UNION

The University of Missouri Union, better and more briefly known as the Missouri Union, was organized in the spring of 1916. Its membership is composed of alumni and former students of the University of Missouri, present and past faculty members, and students in attendance.

The Missouri Union aims to promote education, especially in the halls of Alma Mater; to keep alumni and former students in touch with one another and with the University; to weld all departmental interests into a common enthusiasm and activity for the good of the whole institution.

To further its plans, the Missouri Union publishes once a month during the school year *The Missouri Alumnus*, giving news of the University and of its students and widely-scattered alumni. This magazine was formerly published by the Alumni Association, which is now the alumni branch of the Union.

Although, save for the publication of *The Missouri Alumnus*, the Missouri Union has not been active since the recent war, the form of organization has been maintained in the expectation that the University will eventually have a memorial building to house the Union's activities.



# REGULATIONS, GRADES, DEGREES

---

## REGULATION OF STUDIES

**Course Numbers:** Courses for underclassmen are designated by numbers below 100; courses for upperclassmen and graduates, by numbers 100-195; courses primarily for graduates, by numbers 200-299.

The letter following the number of a course indicates the term in which it is offered; thus, course 100f is offered during the fall term, 100w during the winter term, 100sp during the first period of the spring-summer term, 100sm during the second period of the spring-summer term and 100s during the entire spring-summer term. The number of hours' credit given for a course is indicated by the Arabic numeral in parenthesis following the statement of the course. A capital letter preceding the number of a course indicates one of the special classes of courses into which the work of a large department is divided, as in the case of Education A102f and Education C150w.

**Schedule of Courses:** The schedule of days, hours, and rooms for the session of 1922-3 will be issued as a separate bulletin for each term.

**Definition of Hour:** The hour, which is the unit of credit given in the University, is the equivalent of a subject pursued one period a week for one term, fifteen hours constituting a normal term's work.

**Number of Hours:** No undergraduate student is permitted to carry courses aggregating less than twelve or more than sixteen credit hours, exclusive of the required work in military science and physical education, but the dean of the division may reduce the minimum in special cases.

**Studies in Other Divisions:** Students registered in one division may, with the consent of their dean, take work in other divisions if, in the judgment of the professors concerned, they are prepared for such work. Students taking work in another division than that in which they are registered are subject as respects this work to the rules of the division in which the work belongs.

**Extension Division:** Courses may be taken by correspondence or in extension centers. The maximum extra-mural work is ten normal credit hours for one calendar year.

**Required Work in Military Science and Tactics and in Physical Training:** All men students in the University are required to take four terms of military science and tactics and physical training during their freshman and sophomore years.

All women students are required to take four terms of physical training two hours a week during their freshman and sophomore years.

A committee appointed by the Executive Board may, for satisfactory cause, excuse students from compliance with these regulations. All applications for excuse from these requirements should be filed with the Registrar not later than two weeks after the beginning of a term. Excuses because of physical disability will be granted only as a result of a physical examination, which is provided for all students.

## EXAMINATIONS AND CREDITS

**Examinations:** Examinations at the end of each term close the studies pursued to that point.

**Grading:** The system of grading and credits at the University makes uniform the grading of the different departments and divisions, and gives credit to students corresponding to the quality of their work.

The grades M, S, E, I, F are given. These are defined as follows: The grade of M means that the student ranks among the medium students, approximating 50 per cent of a class large enough to exclude accidental variations. The grade of S gives the student rank among those who are superior. The grade of E means that the individual is one of the few most excellent students. Below the grade of M, the grade I means that a student is somewhat below the medium. The grade of F places the student among those ranking lowest.

This system tends to promote uniformity of grading in the different departments, since the meaning of each grade is not left to the discretion of the individual teacher, but is defined objectively.

The grade of S is given to those students who impress the instructor as being superior to approximately 75 per cent of all students who have pursued this study during recent years. A student who impresses his teacher as being inferior to 75 per cent of all students in this particular branch of study will receive the grade of Inferior. Students may not be permitted to pursue courses in cases where they have made Inferior grades in other courses that are prerequisites. The professor of the department in which the student wishes to take the new course will decide upon such cases individually. He may require additional preparation, but the grade originally recorded on the student's grade card will not be changed.

The grade of Excellent will be given to the few students who have manifested unusual ability in a particular branch of study.

**Credits:** In order to encourage students to do the best work of which they are capable, all faculties except those of the schools of Engineering, Law, and Medicine, where the curricula are definitely prescribed, credit their work in proportion to the grade received, thus enabling the most able and industrious students to be graduated in less than the normal time. For each recitation hour for which the grade of Excellent is recorded, the student will receive 20 per cent additional credit. For each recitation hour for which the grade of Superior is recorded, he will receive 10 per cent additional credit toward graduation.

The faculty further recognizes that those students who are inferior to seventy-five in a hundred, but whose work is not estimated by the teacher as a complete failure, are entitled to some credit. Students will, therefore, be given 90 per cent of the normal credit toward graduation for each recitation hour for which the grade of Inferior as recorded.

In order to do entire justice to the needs of the students coming to the University of Missouri, the faculty adapts the method of instruction to the students of average ability. Those who are of somewhat less ability will thus receive some benefit from the instruction and some credit. Those who are of superior ability and will devote their best energies to their work will accomplish much more than the average student, and will be given for this not only honorable mention, but recognition of their accomplishments by additional credit.

**Reports:** Written reports of grades are sent by the Registrar to parents or guardians at the close of each term.

**Elimination of Delinquent Students:** The faculty will eliminate those individuals who cannot or will not measure up to the high standard of scholarship maintained by the University of Missouri. This is accomplished by two regulations. The first eliminates a student who does not pass in a certain proportion of his work in any term. The second is cumulative, and eliminates any student who habitually falls behind in his work, even tho he may remain under the first rule, when the sum of his deficiencies has reached a specified total.

## DEGREES AND CERTIFICATES

**Degrees:** The following degrees are now conferred by the University: In the College of Arts and Science, Bachelor of Arts (A. B.).

In the College of Agriculture, Bachelor of Science in Agriculture (B. S. in Agr.).

In the School of Education, Bachelor of Science in Education (B. S. in Ed.).

In the School of Law, Bachelor of Laws (LL. B.).

In the School of Engineering, Civil Engineer (C. E.), Electrical Engineer (E. E.), Mechanical Engineer (M. E.), Chemical Engineer (Ch. E.), Agricultural Engineer (Ag. E.), and Bachelor of Science (B. S.) in Engineering.

In the School of Mines and Metallurgy at Rolla, Bachelor of Science (B. S.) in Mine Engineering, in Metallurgy, in Chemical Engineering, in Civil Engineering, in Electrical Engineering, in Mechanical Engineering, and in General Science. The graduate degrees of Engineer of Mines (E. M.) and of Chemical Engineer (Chem. E.), Civil Engineer (C. E.), Electrical Engineer (E. E.), Mechanical Engineer (M. E.), Metallurgical Engineer (Met. E.), and Master of Science (M. S.) are also given.

In the School of Journalism, Bachelor of Journalism (B. J.).

In the School of Business and Public Administration, Bachelor of Science (B. S.) in Business Administration, and Bachelor of Science (B. S.) in Public Administration.

In the Graduate School, Master of Arts (A. M.), and Doctor of Philosophy (Ph. D.).

Two degrees will not be granted to a student until he has completed a minimum of twenty-four hours' work in addition to the requirements for one of the degrees.

Except that of Doctor of Laws (LL. D.), no degrees are conferred *honoris causa*.

For further information, see the announcement of the respective divisions in this catalog.

**Certificates:** Certificates are given, on completion of prescribed courses, in the School of Education, the School of Medicine, the College of Agriculture, the department of military science and tactics, and in the school for nurses.

## COMMENCEMENT EXERCISES

Commencement exercises are held at the close of the winter term. For specific days, see University calendar, page 3.



## Section II. The Schools and Colleges

### COLLEGE OF ARTS AND SCIENCE

The College of Arts and Science aims to afford its students a liberal education in the humanities and sciences, and it also offers excellent opportunities to students preparing to enter the schools of Education, Law, Medicine, Journalism, or Business and Public Administration. In two years the student may receive the 60 hours' credit necessary for admission to these professional schools. The elective system in the college enables him without difficulty to take such specific subjects as may be prescribed as a part of the 60 hours required for admission. Students expecting to enter a profession should consult with the dean at the end of the freshman year in regard to the best way of combining the collegiate and professional work.

**Requirements for Admission:** For information in regard to requirements for admission, see page 20.

**Fees:** For information in regard to scholarships, fees, etc., see sections under *General Information*.

**Elective System:** Work in the College of Arts and Science is largely elective; that is, the student makes such choice and combination of studies offered in the college as he desires, subject to certain restrictions explained under the *Requirements for Graduation*.

At the opening of each session each student is required to enter on a blank form provided for that purpose, called a study card, a list of the studies he wishes to pursue. The student should consult the dean in making out his card. He must also secure a course card for each course entered on the study card. The study card and the course cards must be presented for approval of the dean not later than 5 p. m. of the day following the date of issue.

A student may not take more than 16 hours nor less than 12 hours a week, not counting the required work in physical training and military science. Permission to add work without credit in the College of Arts and Science above the limit of 16 hours shall be at the discretion of the dean.

Each professor determines the special requirements for admission to the different courses offered by him or his assistants. The student should consult each professor under whom he wishes to take work before making his election.

**Honors:** "Honor Lists" will be prepared from time to time by the Committee on the Encouragement of Scholarship. These lists will contain the names of those underclassmen who have been selected by the committee on the basis of exceptional scholarship.

Special honors will be awarded in rare cases upon recommendation of a committee, by vote of the faculty, to students who by some specific piece of work show unusual scholarly aspirations and attainments. In such cases an appropriate diploma or testimonial will be furnished.

### REQUIREMENTS FOR GRADUATION

**Degrees:** The College of Arts and Science confers only one undergraduate degree, that of Bachelor of Arts (A. B.). In order to receive the

degree of Bachelor of Arts the candidates must meet the following requirements:

1. He must have been regularly admitted to the College.
2. He must complete during the freshman year:

Ten hours of "Problems in Citizenship," including English composition.

3. He must complete during the first two years:

(a) Ten hours of one foreign language, either ancient or modern. If the student presents 3 units for admission in one foreign language, he will be excused from 5 hours of this requirement, and if the student is prepared to enter the second course in a given foreign language, he may fulfill the requirement by taking, in addition, 5 hours of another foreign language. In the case of Latin the requirement may be fulfilled by taking course 10 and 5 hours in another foreign language.

(b) Three hours of mathematics or of logic, unless 3 units of mathematics have been presented for admission.

(c) Five hours of a physical science (astronomy, chemistry, geology, physics), unless 2 units of these have been presented for admission.

(d) Five hours of a biological science (botany, zoology), unless 2 units of these have been presented for admission.

Such exemptions do not excuse him from the requirements of total hours as stated in 5.

By "hour" is meant one period a week for one term.

4. During the last two years of his course he must complete: (a) one major of at least 24 hours comprising a sequence of closely correlated studies chosen from the courses offered for students in the College of Arts and Science and containing at least 12 hours from courses offered for upperclassmen or for graduates. (The major need not be confined to a single department, but the courses must represent a closely related sequence); (b) one minor of at least 18 hours, of which at least 6 hours must be from courses for upperclassmen or graduates. A student is not permitted to elect toward his minor courses from the department in which he has done the chief work for his major, or vice versa. Women students may take a minor in Home Economics from the courses in this subject for which credit is given in the College of Arts and Science.

Work done to meet the requirements in 2 and 3 cannot be included in counting up hours for a major and a minor except that where a student presents 10 hours in one foreign language in fulfillment of his requirements the second 5 hours in such language can be counted toward the major or minor.

The rule adding to or subtracting from the normal number of credit hours a certain percentage in case the grade is "E," "S," or "I," does not apply to the requirements of the first two years, and it does not apply to majors and minors.

The student must, before the close of his sophomore year, notify the dean in writing of his selection of his major and minor. The courses making up his major and minor must be approved by a professor chosen by the student as adviser from the department in which the student does his chief work, and must consist of courses regularly accepted for credit toward the A. B. degree. These courses are offered in the following departments: theory and practice of art (except courses 5, 7, 107 to 127), astronomy, botany, chemistry, classical archaeology and history of art, economics and commerce (except 117, 121, 122, 128, 132, 134, 137, 138, 150), education

(groups A and B), English (except 103, 133), geology and geography, Germanic languages, Greek, history, Latin, mathematics (except 155), medical bacteriology and preventive medicine (course 1 only in case of underclassmen), music (except 129 to 140), pathology (except clinical pathology), philosophy, physics, physiology and pharmacology, political science and public law, psychology, Romance languages, sociology, and zoology.

5. He must have completed a total of at least 124 hours.

6. He must have completed a total of 124 points. Each hour of credit is valued in points as follows: E, 3 points; S, 2 points; M, 1 point. "Passed" grades and advanced standing are treated as of M grade. No points are given for I and F grades.

**Electives from Other Divisions:** The following courses in other divisions are open as electives to students in the College of Arts and Science, and the candidate may present them to an amount not exceeding 9 hours in all, as a part of the 124 hours required for graduation, except that students who pursue a combined course in the College of Arts and Science and Medicine, or Law, or Engineering, or Home Economics, may elect two years' work of medicine, or the first year in law, or 20 hours in engineering, or 24 hours in home economics. The student who pursues a combined course may not elect courses from any division except the College of Arts and Science and the division chosen in taking the combined course.

*From the College of Agriculture.* Entomology, for not more than 6 hours; agricultural chemistry, for not more than 6 hours; elements of landscape gardening, for not more than 5 hours.

*From the School of Business and Public Administration.* Mathematics of business and insurance 155, 3 hours.

*From the School of Education.* Home economics, courses 1, 10, 11, 60, 101, 110, 120, 121, and industrial arts, courses 50 and 101. A minor may be made in the foregoing courses in home economics.

*From the School of Engineering.* Mechanics (courses 100, 101, 112, 205, and 209); electrical machinery (electrical engineering, 101, 102), 8 hours; applied thermodynamics (mechanical engineering, 231), 3 hours; descriptive geometry (engineering drawing, 2), 2 hours; elementary surveying (civil engineering, 102), 3 hours; woodwork (industrial arts, 1), 2 hours; metal work (industrial arts, 2), 2 hours; engineering drawing, course 1, 2 hours. By proper choice of electives from these courses, students may complete both the requirements for the degree of Bachelor of Arts and the requirements for the degree of Civil Engineer, Electrical Engineer, Mechanical Engineer, or Chemical Engineer in 6 years. For particulars in regard to the plan, see under *School of Engineering*.

*From the School of Journalism.* History and principles of journalism for not more than 6 hours; comparative journalism for not more than 2 hours.

*From the School of Law.* Seniors may elect from the first year's work in law to an amount not exceeding 30 hours. Under special circumstances this privilege may be extended to juniors with the consent of the deans of the College of Arts and Science and the School of Law.

*From the School of Medicine.* All of the courses offered in the curriculum of the School of Medicine (page 112) are accepted for credit in the College of Arts and Science in the combined course, except the course in physical diagnosis and that in minor surgery. Students who complete the three-year course offered in the School for Nurses (page 114) will receive credit for the first 60 hours' work in the College of Arts and Science.



**Credit from the Extension Division:** Credit will be given for work done in the Extension Division, but such credit may not exceed 10 normal credit hours for one calendar year, and in no case may work thus done be counted in lieu of the requirement of one year in residence.

**Credit for Other Courses:** Credit of 1 hour a term is given for practical work in military science and tactics and credit for one-half hour a term is given for practical work in physical training, but the maximum in either or both subjects may not exceed 8 hours. Credit of 2 hours a term will also be given for the practical and theoretical work combined for the last two years of the curriculum of the Reserve Officers' Training Corps. The maximum credit, however, for both practical and theoretical work in military science and tactics may not exceed 12 hours.

Credit of 1 hour a term is given for work in the University chorus and in the University orchestra, but the maximum in either or both subjects shall not exceed 4 hours.

Credit will also be given for work done in any institution of good standing upon the following courses: (1) the Bible as literature, maximum 4 hours; (2) life and literature of the New Testament, maximum 2 hours; (3) history of the Jews, maximum 3 hours; (4) psychology of religion, maximum 2 hours; (5) comparative religions, maximum 2 hours; (6) modern religious thought, maximum 2 hours; (7) Christian ethics, maximum 2 hours; (8) Hebrew language and literature, maximum 6 hours; (9) social significance of the teachings of Jesus, maximum 2 hours; (10) fundamental moral and religious values, maximum 2 hours; provided, that in the judgment of the dean of the College of Arts and Science, and of the instructor in charge of the subject most closely related, the work in these courses in the institution giving them is done in a satisfactory manner.\*

In case any one or more of these courses is taken by a student while he is enrolled as a student in this University, his registration for such courses must meet with the approval of the dean and the instructor or instructors above mentioned, and must be subject to the usual restrictions as to total number of hours' credit registered for in any term; and the total credit for such courses shall not exceed 14 hours.

**Courses Without Credit from Other Divisions:** Students may, with the consent of the dean of the college, elect certain courses from other divisions for which credit is not given in the College of Arts and Science.

**Requirements in English:** All students must in their junior year pass a test of their proficiency in English. Those students whose English is found to be unsatisfactory will be given a further test at the beginning of their senior year. No student will be recommended for graduation until his English is satisfactory.

**Degrees with Honors:** The degree of Bachelor of Arts with Honors in a department shall be granted to those who, besides completing the requirements for graduation, maintain a high standing in the courses that make up their major and who pass an examination upon them, this examination to be given jointly by the instructors of these courses at the close of the senior year. The student must notify his adviser of his intention to take the examination for the degree with honors before the beginning of

---

\*It is understood that the subjects most closely related to the above courses are (1) the Bible as literature, English; (2) history of the Jews, History; (3) comparative religions; (4) Christian ethics, (7) fundamental moral and religious values, Philosophy; (5) Hebrew language and literature, Greek; (6) social significance of the teaching of Jesus, Sociology.

his last term before graduation and his major must be one approved by the department for the degree with honors.

**Residence:** Students are expected to spend normally eight terms in residence, and no student shall be recommended for the degree who has not spent the equivalent of six terms in the college. Credit will be given, however, for time spent in other institutions of college rank and for work done in the Extension Division. The last twenty-four (24) hours taken by a student in fulfillment of the requirements for graduation, however, must be done in residence. The dean, however, if he considers it advisable may permit a student who lacks not more than twelve hours of having completed the requirements for graduation to complete his work in another institution.

For further information regarding the College of Arts and Science, address

F. M. TISDEL,  
DEAN, FACULTY OF ARTS AND SCIENCE,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

## COLLEGE OF AGRICULTURE

---

The College of Agriculture was established by acts of Congress and by laws enacted by the Missouri General Assembly. The character of the instruction to be given in this college is to some extent specified in the legal enactments providing for its establishment.

The object of this instruction is to train men and women for success in the vocation of agriculture. The college aims to educate farmers, farm managers, fruit growers, grain growers, dairymen, and stockmen. It prepares men for responsible positions as teachers in agricultural colleges, investigators in experiment stations, for extension work in agriculture and home economics, as teachers of vocational agriculture and for service in the United States Department of Agriculture.

### Endowment of the College:

1. *First Morrill Act:* The proceeds from the sale of 275,000 acres of land granted to Missouri by the Act of Congress of July 2, 1862. A part of this land has been sold and the sum invested in State Certificates of Indebtedness yielding 5 per cent interest, and in municipal and drainage district bonds. The sum received annually from this source now amounts to \$18,354.05. The Missouri Legislature has by law provided that one-fourth of this amount shall go to the School of Mines and Metallurgy at Rolla.

2. *Second Morrill Act:* An annual appropriation of \$25,000 by Act of Congress, approved August 30, 1890. One-sixteenth of this amount is by law appropriated to the Lincoln University at Jefferson City for the education of negro children in agriculture and mechanic arts. One-fourth of the remainder is by law apportioned to the School of Mines and Metallurgy at Rolla.

3. *Nelson Amendment:* An appropriation of \$25,000 annually, by Act of Congress, approved March 4, 1907. A part of this money may be used for the special preparation of instructors for teaching the elements of agriculture and mechanic arts. This fund is apportioned in the same manner as that of the Second Morrill Act.

4. *Hatch Act:* An act of Congress, approved March 2, 1887, appropriating \$15,000 annually to the Agricultural Experiment Station for investigation in agriculture.

5. *Adams Act:* An Act of Congress, approved March 16, 1906, appropriating \$15,000 annually to the Agricultural Experiment Station for fundamental research in agriculture and the related sciences.

6. *Smith-Lever Act:* An Act of Congress, approved May 8, 1914, provided for an appropriation of \$10,000 to the College of Agriculture for extension work in agriculture and home economics. Additional sums are appropriated, increasing annually, until 1922-23 the total income from the Federal Government will be \$167,411. The sums above \$10,000 are available only on condition that the General Assembly of Missouri appropriate equal amounts.

### Buildings:

*Agricultural Building:* A two-story stone structure with a well-lighted basement and an auditorium seating 500 persons. The building includes the general agricultural library and the offices of the dean and director, the



agricultural extension service, the departments of soils, field crops, animal husbandry, rural life, agricultural education, and the seed-testing laboratory.

*Horticultural Building:* A stone building, two stories, and a well-lighted basement with plant house and insectary, classrooms, laboratories, offices and preparation rooms for horticulture and entomology. The department of horticulture owns and operates an 80-acre fruit farm at Turner Station. The farm is being rapidly improved and developed for investigation and instructional purposes.

*Dairy Building:* A stone building, two stories, with cheese-curing room in basement, rooms for creamery manufactures, cheese making, dairy work, milk-testing laboratory, offices and classrooms.

*Schweitzer Hall:* A two-story stone building for agricultural chemistry, 170 feet long and 65 feet wide, with well-lighted basement. On the first floor are the offices and general chemical laboratories of the Agricultural Experiment Station, two large student laboratories, a nitrogen laboratory, two balance rooms, an ether extraction room, instructors' laboratory, and a small classroom. The total capacity of the general laboratory is 180 students for each term. The second floor of the building is used for freshman students in the department of chemistry. It contains three large laboratories, a lecture room seating 100 students, a large classroom, balance rooms, offices and special laboratories. The student laboratories accommodate 260 students each term. The basement contains storerooms, coolers, and demonstration rooms.

*Biology Building:* A building costing \$100,000, in which students registered in the College of Agriculture receive fundamental training in botany and zoology.

*Veterinary Building:* The department of veterinary science is housed in a three-story stone building devoted exclusively to investigation and instruction in its particular line of work. The building contains laboratories for anatomy, physiology, investigations in contagious and infectious diseases, and operating rooms for clinics.

*Home Economics Building:* The part now completed is less than half of the projected building. This portion will be sufficient to provide laboratory facilities for the department. These laboratories have been planned especially for this work and are newly furnished with the most up-to-date equipment. Special laboratories are provided for work in clothing, foods, textiles, applied art, nutrition and research work in the different home economics lines.

*Poultry Building:* A two-story stone building, including general office, incubator room equipped with various types of incubators, salesrooms, classrooms and laboratory; also one fifteen-pen laying and breeding house, ten portable colony houses, a feed house and houses for experimental work. Several hundred fowls, representing the popular varieties, are available for instructional and experimental purposes.

*Agricultural Engineering Building:* A one-story stone building conforming to the general style of architecture adopted for the University buildings. This building contains a large class room, offices of the department of agricultural engineering and laboratories.

*New Agricultural Building:* This building will be a stone structure of the same architectural style as the other buildings on the East Campus. It will contain over 40,000 square feet or approximately one acre, of floor space. \$200,000 has been appropriated for this structure.

*Live Stock Judging Pavilion:* This building is 90 by 160 feet, with an arena 50 by 120 feet, with a seating capacity of 1,200. This structure is well lighted and heated and is provided with locker room, shower baths, and toilet rooms.

*Barns and Shelters:* The department of animal husbandry is equipped with a modern horse barn, with a capacity of thirty horses. The first story is of stone work, granitoid floors, well lighted and ventilated. The second story furnishes space for feed room and hay storage. A 250-ton stone silo and a steel silo are a part of the equipment of this department. There are two cattle sheds, one 300 feet in length and divided into 15 lots, and the other 100 feet in length with lots for experimental and investigational work. The equipment also includes a modern hog barn with concrete floors and iron pen divisions, a dipping tank, suitable equipment of individual hog shelters and a sheep barn. Funds are now available for a new cattle barn.

*Dairy Barn:* The dairy barn, modern in every detail, accommodates seventy-five dairy cows.

*University Serum Farm and Laboratory:* A laboratory for the preparation of anti-hog-cholera serum, a barn for hyperimmune hogs with a capacity of 1,000 animals, a virus laboratory and infection pens with several smaller structures are located on a 90-acre farm three miles north of Columbia.

### **Laboratories:**

*Agricultural Engineering:* The agricultural engineering laboratory contains a large assortment of the best modern machinery, including one or more of the principal field and power machines. A line shaft driven by an electric motor is available for demonstrating these machines.

For instruction in gas engines and tractors the laboratory is equipped with ten stationary and portable gasoline and oil engines and samples of the latest type of tractors with suitable equipment for testing same. Lighting units are provided for work on farm-lighting systems. Drafting tables are provided to accommodate the men designing farm buildings.

The equipment for concrete work includes a complete set of concreting tools, molds for building blocks, forms for fence posts, water troughs and tanks, and tile machines, with small apparatus for testing cement and aggregates. A level and transit with complete set of tools are provided for tile drainage work.

*Agricultural Chemistry:* The laboratory for undergraduate instruction in agricultural chemistry, and the chemical laboratories of the Agricultural Experiment Station, located in Schweitzer Hall, provide facilities for instruction, and for research in animal nutrition, analysis of fertilizers, foods, feeding stuffs, detection of adulteration and artificial coloring. Opportunity is offered for a study of the provisional and official methods of the Association of Official Agricultural Chemists.

*Botany:* Laboratories for general physiological and structural botany, and culture rooms for physiological, mycological, and bacteriological work are in the Biology Building. They are equipped with compound and dissecting microscopes, microtomes, steam and steam-pressure sterilizers, incubators, balances, precision apparatus, and glassware. The herbarium amply illustrates the local flora.

*Dairy Husbandry:* Facilities for instruction in dairy manufactures include creamery room, equipped with power separators, churns, pasteur-

izers, sterilizers, and butter printers; a cheese room provided with vats, cheese presses, and curing room; cream separators, milk-testing apparatus and churns; refrigerating plant and cold storage; and a laboratory for instruction and investigation in dairy bacteriology.

*Entomology:* The laboratories and insectary located in the Horticultural Building are supplied with microscopes, dissecting instruments, microtomes, breeding cages, aquaria, spraying machines, insecticides and reagents. The museum contains collections of several thousand species of the more injurious and beneficial insects, arranged to illustrate their habits of work and life history.

*Horticulture:* The horticultural laboratories occupy about 3,300 square feet of forcing space under glass, a laboratory for the propagation of dormant plants, and storage room for cuttings, bulbs, stocks, and scions. The department also has laboratories for soil examinations and investigation of special horticultural problems regarding plant growth. The out-of-door collection on the horticultural grounds comprises about one thousand varieties of fruits, ornamental shrubs, and trees for a study of planting, pruning, cultivating, and spraying.

*Field Crops:* The field crops laboratories include a judging and exhibition room for judging, grading, and handling grains, a room for storing demonstration material, and a germinating room.

*Soils:* Laboratories for investigation and instruction in soil physics, soil bacteriology and soil fertility. Equipped for mechanical and chemical analysis of soils.

*Land:* The College of Agriculture owns and operates several hundred acres of land, all of which is utilized for instructional and investigational purposes. Each of the departments of animal husbandry, dairy husbandry, entomology, field crops, horticulture, poultry, soils and veterinary science maintains a considerable area of land as a part of its equipment in the college. The department of veterinary science operates a 90-acre farm three miles from the college exclusively for the manufacture and distribution of anti-hog-cholera serum. The department of horticulture is developing an 80-acre fruit farm at Turner Station, six miles from Columbia. The department of animal husbandry rents a 330-acre farm for grazing and cropping purposes.

*Live Stock Equipment:* The leading breeds of live stock of all classes are maintained. Each year some of the live stock is fitted and exhibited. All the live stock is used for instructional or experimental purposes and students have the advantage of knowing how the live stock is bred, how it is cared for and results that are obtained from it.

A. *Beef Cattle:* A herd of about 25 Herefords, 25 Shorthorns, 15 Aberdeen-Angus, 75 per cent of which have been bred by the University of Missouri, is maintained. Fat steers bred and exhibited by the University have won many prizes at the Missouri State Fair and the International Live Stock Exposition.

B. *Horses:* A stud of 20 head of Percheron horses is maintained. A few American saddle mares and colts are kept. Several pairs of mules, together with the draft horses, perform all the farm work on the University farm. Eighty per cent of this equipment has been bred on the College farm.

C. *Hogs:* The champion barrow and the champion pen of barrows at the 1919 International Live Stock Exposition were bred, fed and exhibited by the University of Missouri. The Poland-China herd consists of



about 15 brood sows with their offspring. The Duroc Jersey herd is similar in size and quality. Specimens of other breeds are maintained from time to time. A good-sized herd of Duroc Jerseys is maintained in a special swine-breeding experiment.

D. *Sheep*: A flock of 100 high-class sheep, including Shropshires, Hampshires, Southdowns and Dorsets, is maintained. Fat wethers from this flock are fitted and exhibited each year.

E. *Dairy Herd*: The dairy department maintains a herd of about 100 head of the Ayreshire, Jersey and Holstein breeds. Complete milk and butter records are kept of each cow. The student is given instruction in the breeding, care and management of dairy cattle. Several cows in this herd hold milk records which rank them among the best specimens of dairy cattle ever produced.

**Libraries**: The agricultural library, including material shelved in both the general library and the branch library, consists of about 17,000 volumes in soils, field crops, horticulture, dairy and animal husbandry, other scientific publications, and a complete collection of the herd and flock books of all breeds of live stock. Files of agricultural periodicals include literature in French, German, Italian, Spanish, Russian, and English.

**Practical Excursions**: Visits to successful farms, breeding establishments and to agricultural fairs and expositions are made under the guidance of an instructor for the study of special phases of agriculture. The principles taught in the classroom are thus observed in their application to practical agricultural operations.

## CURRICULA IN THE COLLEGE OF AGRICULTURE

In the description of these curricula, a year is understood to mean two terms of sixteen weeks each.

A. Four-year curriculum in agriculture for men, leading to the degree of Bachelor of Science in Agriculture (B. S. in Agr.). (See page 78.)

B. Four-year curriculum for the training of teachers of vocational agriculture, leading to the degree of Bachelor of Science in Agriculture (B. S. in Agr.). (See page 79.)

C. Four-year curriculum in agriculture for women, leading to the degree of Bachelor of Science in Agriculture (B. S. in Agr.). (See page 81.)

D. Four-year curriculum in agricultural journalism, leading to the degree of Bachelor of Science in Agriculture (in Agricultural Journalism) (B. S. in Agri. [in Agr. Jour.]).

E. Two-year Winter Course in Agriculture. (See page 84.)

F. Short Course in Home Economics. (See page 87.)

G. Short Course in Dairy Manufactures. (See page 88.)

## ADMISSION

Information concerning the requirements for admission is given on page 20. The requirements for admission to graduate instruction will be found in connection with the announcement of the Graduate School, page 137.

New students generally register at the beginning of the fall term, but may enter the College of Agriculture at the beginning of any one of the three terms.

## REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE

The degree of Bachelor of Science in Agriculture will be awarded to candidates who have satisfactorily completed a total of 128 hours, including the requirement in military science and physical education. All candidates for the degree must complete 90 hours in the subjects listed in the four-year curriculum (A), page 78, and 26 hours elected from technical agricultural courses and 12 hours from any subjects offered in the University of Missouri or other standard college.

**Technical Agricultural Electives:** Agricultural subjects accepted in fulfillment of the requirement of 26 hours of technical agricultural electives are all courses now being offered in the departments of agricultural engineering, animal husbandry, dairy husbandry, field crops, horticulture, poultry husbandry, soils, veterinary science, rural life; agricultural chemistry 204f, 115w, and 205w; woodwork 1f and metal work 2f in the department of industrial arts; plant pathology, and all courses in entomology excepting 103w, 104f and 116f.

Candidates for graduation who have not had adequate farm experience before entering the institution are required to secure one year of practical farm experience before the degree will be conferred. All students are advised to secure this farm experience before entering the College of Agriculture. The college cannot undertake to provide the means for satisfying this requirement. Affidavit of farm experience must be filed before graduation.

It is the policy of the faculty to encourage students preparing themselves for college teaching or research to enter the Graduate School for more advanced study in special lines. The required undergraduate curriculum offers an adequate background for students preparing themselves for college teaching and research.

**Regulations, Grades and Credits:** The general regulations governing grades and credits (see page 64) apply to all courses in this college. Students of exceptional ability may shorten the period of residence by superior scholarship. Students who in any term fall behind in more than 40 per cent of the hours in which they are registered at the end of that term, or who fall more than nine hours behind the total number of hours for which they have been registered up to that time will be dropped from the college. The cumulative (9-hour) rule does not apply to work taken during the first term of the freshman year, but the application of the 40 per cent rule in the case of such students shall be at the discretion of the Dean. All students who have been dropped under this rule are permitted to return after one term.

**Special Training:** Students who desire a more specialized training in agricultural chemistry, animal nutrition, entomology, genetics, landscape gardening, plant pathology, plant physiology or soils and dairy bacteriology, will be permitted to substitute not more than 15 hours of science for agricultural electives. Such courses must be approved by the teacher in charge of the major subject of specialization. Substitutions for the technical agricultural requirements are permitted only when the teacher in charge of the major subject of specialization has definitely approved the particular courses which are offered for such substitutions and in every case the special subjects selected must be approved by the Dean.

**Grading of Graduates from Standard Colleges:** Graduates from standard colleges will be able to meet the requirements for the degree of

B. S. in Agriculture upon completion of four terms (64 hours) of work in the College of Agriculture, provided they have completed subjects listed below or substantially equivalent courses in science:

Biological Science.....	15 hrs.
Geology.....	5 hrs.
Physics.....	5 hrs.
Chemistry.....	15 hrs.
Social Science.....	5 hrs.

**Spring and Summer Term:** Many of the prescribed subjects and electives indicated in the following curricula are repeated during the spring and summer terms for the convenience of those students who desire to take them. Those courses which are repeated will be found listed under the statement of courses offered by the various departments. Those given during the spring and summer terms will have the letters "sp" and "sm," respectively, indicated after the number of the courses.

## A. FOUR-YEAR CURRICULUM IN AGRICULTURE FOR MEN

### FRESHMAN

#### *Fall or Winter Term:*

Citizenship, including English composition.....	5 hours
Animal husbandry, 1f or w, types and market classes of live-stock.....	3 "
Chemistry, 1f or w, general inorganic chemistry.....	5 "
Horticulture, 1f or w, general horticulture.....	3 "
Military and physical education.....	2 "

---

18 hours

#### *Winter or Fall Term:*

Citizenship, including English composition.....	5 hours
Field crops, 1f or w, field crops.....	3 "
Botany, 1f or w, general botany.....	5 "
Geology, 2f or w.....	3 "
Military and physical education.....	2 "

---

18 hours

### SOPHOMORE

#### *Fall or Winter Term:*

Physics, 1f or w, elementary physics.....	5 hours
Chemistry, 25f or w, analytical chemistry.....	5 "
Dairy husbandry, 1f or w, elements of dairying.....	3 "
Military and physical education.....	2 "
Elective.....	3 "

---

18 hours

#### *Winter or Fall Term:*

Botany, 3f or w, general bacteriology.....	3 hours
Zoology, 1f or w, general zoology.....	5 "
Soils, 1f or w, soils.....	5 "
Military and physical education.....	2 "
Elective.....	3 "

---

18 hours



## JUNIOR

*Fall Term:*

Chemistry, 15f or w, elementary organic chemistry.....	3	hours
Animal husbandry, 100f, principles of animal nutrition....	3	"
*Veterinary science, 1f, veterinary anatomy and physiology	5	"
Field crops, 2f, field crop management.....	2	"

*Winter Term:*

Animal husbandry, 101w, animal breeding, or.....	3	"
Horticulture, 115w, evolution of cultivated plants, or.....		
Field crops, 105w, field crop improvement.....		
*Botany, 100w, plant physiology.....	5	"
**Social science.....	5	"

Agricultural chemistry 101, agricultural analysis, 3 hours, is required and should be taken in the junior year. Electives may then be chosen to make sixteen (16) hours.

## SENIOR

All subjects elective.

## B. FOUR-YEAR CURRICULUM FOR TRAINING TEACHERS OF VOCATIONAL AGRICULTURE

The Federal Board of Vocational Education has designated the College of Agriculture as the approved institution in Missouri to prepare teachers of agriculture for the secondary schools of this state. The facilities of the College of Agriculture for teaching vocational agricultural subjects are excellent. It is the purpose of this course to give a thoroughly practical training in vocational agriculture and in education, including methods of teaching and practice teaching. To still further insure the successful training of these men for this important work, there has been organized a special department of agricultural education. The demand for trained teachers of agriculture is at present very active. The curriculum offered by this institution has the approval of the state and federal boards of vocational education and complies fully with the provisions of the federal Smith-Hughes Act.

**Requirements for the Degree, Bachelor of Science in Agriculture:** All candidates preparing to teach agriculture in vocational high schools are required to complete 128 hours of University work, including military science and physical education. Each student is required to complete in a satisfactory manner the prescribed courses (115 hours) printed in the curriculum B, and in addition to elect 13 hours from the list of courses printed on page 80 under the title "Electives for Students in Vocational Agriculture." All candidates for the degree must have had two years of continuous farm experience before the degree will be conferred.

## FRESHMAN AND SOPHOMORE

Freshmen and sophomores take the courses shown in the curriculum (A) on page 78, excepting that Education E102, educational psychology,

\*Botany, 100w, plant physiology or veterinary science, 1f, veterinary anatomy and physiology, only one required.

\*\*Rural sociology or rural economics. This subject should alternate with botany, 100w (plant physiology), or veterinary science, 1f (veterinary anatomy and physiology).

must be taken in the sophomore year in place of three hours of elective work.

## JUNIOR

*Fall Term:*

Veterinary science, 1f, veterinary anatomy and physiology	5	hours
Animal husbandry, 100f, animal breeding.....	3	"
Education, E105f, methods of vocational agriculture (plant husbandry).....	3	"
Education, E115f, management of vocational agriculture in secondary schools.....	2	"
Electives.....	3	"

16 hours

*Winter Term:*

Agricultural chemistry, 101w, agricultural analysis.....	3	hours
Animal husbandry, 101w, animal breeding, or.....	3	"
Horticulture, 115w, evolution of cultivated plants, or.....		
Field crops, 105w, field crop improvement.....	3	"
Education, E107w, methods in vocational agriculture (animal husbandry).....		
Animal husbandry, 3w, livestock judging.....	3	"
Agricultural engineering, 10w, farm shop practice.....	2	"
Agricultural engineering, 30w, farm machinery.....	2	"

16 hours

*Fall Term:*

## SENIOR

Agricultural engineering, 11f, farm gas engines.....	2	hours
Education, E117f, visual education.....	3	"
Education, D155f, practice teaching.....	5	"
Electives necessary to complete requirements.....	3	"

13 hours

*Winter Term:*

Field crops, 101w, grain crops.....	2	hours
Sociology, 115w, rural sociology.....	3	"
Electives necessary to complete requirements.....	7	"

12 hours

A minimum of 5 hours during the senior year must be devoted to supervised practice teaching of vocational agriculture in an approved secondary school.

## ELECTIVES FOR STUDENTS IN VOCATIONAL AGRICULTURE

In addition to the prescribed courses listed in the curriculum (B), students are required to elect 13 hours from the following list:

Animal husbandry, 4f or w, slaughtering of domestic animals, and cutting and curing of meats.....	2	hours
Animal husbandry, 102f, advanced livestock judging.....	3	"
Animal husbandry, 103w, beef production.....	3	"
Animal husbandry, 105w, pork production.....	2	"

Education, E109f or w, methods of teaching laboratory work in vocational agriculture.....	3	hours
Education, E160f or w, history of agricultural education.....	1	"
Education, E170f or w, vocational guidance in agricultural activities.....	3	"
English, 75f or w, public speaking.....	2	"
Entomology, 2f or w, applied entomology.....	3	"
Field crops, 2w, Field crop management.....	2	"
Field crops, 103f, forage crops.....	3	"
Horticulture, 100f, general pomology.....	3	"
Journalism, 127w, Agricultural journalism.....	3	"
Poultry husbandry, 2w, poultry production.....	3	"
Rural life, 2f or w, principles of rural economics.....	3	"
Rural life, 105f, farm accounts.....	3	"
Soils, 2w, soil management.....	3	"
Veterinary science, 104f, stock farm sanitation and disease prevention.....	3	"
Veterinary science, 105w, stock farm sanitation and disease prevention (continuation of 104f).....	3	"

## C. FOUR-YEAR CURRICULUM IN AGRICULTURE FOR WOMEN

The curriculum in agriculture for women emphasizes those phases of agricultural instruction of special significance to women. The degree of Bachelor of Science in Agriculture (B. S. in Agriculture) is conferred upon the completion of the required work.

**Required Work:** The student must complete a total of 122 hours. Of the total number of hours, 62 hours are fixed requirements as shown in the printed curriculum, 30 hours are major electives to be selected as indicated and 30 hours are free electives.

### FRESHMAN

#### *Fall Term:*

Citizenship, including English composition.....	5	hours
Home economics, 1f, selection and preparation of food.....	5	"
Chemistry, 1f, general inorganic chemistry.....	5	"
Physical training.....	½	hour

#### *Winter Term:*

Citizenship, including English composition.....	5	hours
Chemistry, 2w, general inorganic chemistry.....	3	"
Botany, 1w, general botany.....	5	"
Horticulture, 1w, general horticulture.....	3	"
Physical training.....	½	hour

### SOPHOMORE

#### *Fall Term:*

Chemistry, 15f, elementary organic chemistry.....	3	hours
Home economics, 10f, household problems.....	2	"
Home economics, 52f, principles of selection and construction of clothing.....	3	"
Botany, 3f, general bacteriology.....	3	"
Preventive medicine, 1f, preventive medicine.....	2	"
Physical training.....	½	hour
Electives.....	2	hours



*Winter Term:*

Physiology, 1w, elementary physiology.....	3 hours
Dairy husbandry, 1w, elements of dairying.....	3 "
Home economics, 11w, food problems of household.....	2 "
Physical training.....	½ hour
Electives.....	5 hours

## JUNIOR

*Fall Term:*

Sociology, 115f, rural sociology.....	3 hours
Electives.....	12 "

*Winter Term:*

Rural life, 2w, principles of rural economics.....	3 hours
Electives.....	12 "

## SENIOR

*Fall Term:*

Electives.....	15 hours
----------------	----------

*Winter Term:*

Electives.....	15 hours
----------------	----------

**Major Electives 30 Hours:** Students are required to select one of the three following groups of courses as a major elective:

(1) The plant group, which includes courses in botany, field crops, horticulture, soils, and entomology, not prescribed in the curriculum.

(2) The animal group, which includes courses in zoology, animal husbandry, dairy husbandry, poultry husbandry, and veterinary science, not prescribed in the curriculum.

(3) The home economics group, in which the 30 hours must be chosen from one of the following lines of specialization:

(a) *The Farm Home:*

Home economics and other courses prescribed.....	18 hours
Animal husbandry, 5f, cutting and curing of meats.....	1 hour
Any home economics or technical agricultural courses not prescribed.....	11 hours

(b) *Vocational Home Economics Teaching:*

Home economics other than courses prescribed.....	19 hours
Theory and practice of art, 2f or w, introduction to art....	5 "
Animal husbandry, 5f, cutting and curing of meats.....	1 hour
Home economics, 145f, dress design.....	3 hours

Of the 30 hours remaining, 15 must be given to the courses in education prescribed in the curriculum for training teachers in vocational home economics. (See page 98).

Enough additional hours in home economics must be taken to total 40.

(c) *Home Economics Extension:*

Home economics other than courses prescribed.....	16 hours
Education, A102f or w, educational psychology.....	4 "
Education, D111f or w, theory of teaching.....	3 "
English, 75f or w, public speaking.....	2 "
Home economics, 170f, methods of extension teaching in home economics.....	2 "
Home economics, 175f or w, extension practice teaching...	3 "

It is recommended that a part of the 25 hours of free electives be chosen from technical agricultural subjects.

(d) *Course for Training Food Chemists for Technical Laboratory Work:*

Home economics, 120f, food nutrition.....	5	hours
Home economics, 121w, dietetics.....	3	"
Home economics, 130f, metabolism and dietetics.....	5	"
Chemistry, 27f or w, qualitative analysis.....	3	"
Chemistry, 121f or w, quantitative analysis.....	5	"
Agricultural chemistry, 101f or w, agricultural analysis....	5	"
Special problems in home economics, or.....	4	"
Agricultural chemistry.....		

---

 30 hours
**D. FOUR-YEAR CURRICULUM IN AGRICULTURAL JOURNALISM**

The College of Agriculture, co-operating with the School of Journalism, offers a four-year course in agricultural journalism. The purpose of this course is to train men and women for successful service in the field of agricultural journalism. An effort is made to give to the student a broad foundation in the subject of agriculture and a knowledge of the principles and practices of journalism, with particular emphasis on agricultural journalism.

The degree of Bachelor of Science in Agriculture (in Agricultural Journalism) will be given to students registered in the College of Agriculture who complete all of the requirements in the regular curriculum (see curriculum A) with the exception of veterinary science or plant physiology 5 hours, geology 3 hours, agricultural chemistry 3 hours, and in addition 16 hours of approved technical agricultural electives and 33 hours in journalism, the latter to be approved by the Dean of the School of Journalism.

The University of Missouri offers exceptional facilities for such training because of the high standards of instruction in its School of Journalism and the excellent facilities for agricultural training in the College of Agriculture.

An announcement of the courses given in the College of Agriculture is issued each year. This contains detailed announcements of all courses, entrance requirements, rules and regulations of the College of Agriculture, and should be consulted by persons wishing full information concerning the college. For this bulletin, address

THE REGISTRAR,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

For further information concerning the College of Agriculture, write to  
F. B. MUMFORD,  
DEAN, FACULTY OF AGRICULTURE,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

## E. TWO-YEAR WINTER COURSE IN AGRICULTURE (SHORT COURSE)

### GENERAL STATEMENT

The purpose of the two-year winter course in agriculture, which is often called the Short Course, is to teach better farming methods and to develop a better knowledge of the business of farming. It is essentially a practical course for practical farmers. Over 3,500 young men and women have enrolled in this course and each of these has become a better farmer or home-maker by reason of the instruction obtained. At present, more than 300 men and women annually enroll in this course. They come from nearly every county in Missouri and from many adjoining states.

The short winter course gives the largest possible amount of practical instruction in judging, breeding, and growing corn and other grains and forages; in soil fertility, field crops, and farm buildings; in live stock judging; stock feeding, animal breeding, and live stock farming; in growing, handling, and selling orchard products; in breeding, feeding, and handling dairy cows; in making ice cream, butter and cheese, and handling milk products; in farm butchering and meat curing; in diseases of farm animals and their treatment; in injurious and beneficial insects; in farm carpentry and blacksmithing, and handling farm machinery; in poultry raising; in farm management; in the keeping of farm accounts; and in rural life problems, co-operation, etc.

**Admission:** Any person more than 16 years old may enroll for instruction in the two-year winter course. No entrance examinations are given, but those admitted are supposed to have at least the equivalent of a common school education before entering. The work is so flexible that many persons of mature years and much experience have found it profitable to attend this course.

**Time:** The two-year winter course is arranged for the convenience of farmers. All of the work comes in November, December, January, and February. One can work on the farm eight months of the year and go to the Short Course the four others.

The course is divided into four terms. Two terms are offered each year. Each term is eight weeks long. The first term of the Short Course begins Monday, October 30, 1922, and the second term, Monday, January 1, 1923.

All the subjects taught in each term are finished at the end of the term, so that each term is a complete eight weeks' short course. Students can enter in November or January, whichever is most convenient.

**Expenses:** A library, hospital and incidental fee of \$10.00 is charged for each term. This entitles students to free use of the libraries and to free hospital care and medical attention in case of sickness.

Most of the instruction is given by lectures and demonstrations. Books, however, are recommended, and it is desirable that the students add to their libraries by the purchase of a few standard books on agriculture.

**Certificate:** Students who complete the required work of the two-year winter course will be given a certificate of graduation.



## THE COURSE OF STUDY

In each term the student is required to take certain subjects. In addition to those required, he is permitted to choose one or more of the optional subjects open to him during that term. The required and optional subjects for each term are listed on pages 85, 86 and 87. In each term the required subjects cover in general the branches of agriculture practiced on Missouri farms. The student may then choose from the optional subjects those relating to the phases of farming in which he is most interested. A student does not have a full course unless he takes all the required subjects and the full number of optional subjects indicated for each term.

Attention is directed to the fact that one may study along five special lines of farming by proper selection of the optional subjects during the four terms of the two-year winter course. He may train himself for the pure-bred live stock business, the pure-seed growing business, fruit growing, poultry raising, or dairying. The teachers who assist in registration are prepared to advise students in the selection of optional courses.

If a student enters the University for the first time on October 30, 1922, he will take the courses under *First Year, First Term*. If he returns January 1, 1923, he will take the courses under *First Year, Second Term*. If a student cannot enter at the opening of the course on October 30, 1922, he can enter without inconvenience for the first time January 1, 1923. If he enters then he will take the courses listed under *First Year, Second Term*, arranged especially for those who enter then for the first time and outlined on page 86. This is the same course taken by those who entered for the first time at the beginning of the first term except that a course in stock judging adapted to the beginner is given, and the poultry course required of all students in the first term is included. If he returns for the fall term of 1923 he will then take the *First Year, First Term* courses. Those who have completed both terms of the first year will then enter the *Second Year, First Term*.

All the work is thoroly practical. Much of the instruction is given by having students actually do the work under proper direction. The course is being definitely correlated with the Agricultural Extension Service of the University. It is planned to have the student continue his study of agricultural problems on his home farm when he leaves the short course. He will do this as a co-operator or demonstrator for the Agricultural Extension Service working under the direction of some of the extension specialists.

## FIRST YEAR, FIRST TERM

*October 30, 1922, to December 20, 1922.*

<i>Required</i>	<i>Periods a week</i>	<i>Electives</i>	<i>Periods a week</i>
Cereal crops and grain judging. .	5	Farm construction methods. . . .	4
{ Farm dairying, or. . . . .	3	Farm beekeeping. . . . .	3
{ Farm horticulture. . . . .	3	Fruit packing. . . . .	3
Judging market grades and		Woodworking. . . . .	3
classes of live stock. . . . .	3	Forging. . . . .	3
Feeds and feeding. . . . .	5		
Farm poultry management. . . .	3		
Physical training. . . . .	2		

## FIRST YEAR, SECOND TERM

January 1, 1923, to February 23, 1923.

<i>Required</i>	<i>Periods a week</i>	<i>Electives</i>	<i>Periods a week</i>
Prevention and treatment of animal diseases.....	4	Pork production.....	3
{ Farm dairying.....	3	Beef production.....	3
or		Spraying.....	3
{ Farm horticulture.....	3	Vegetable gardening.....	3
Judging types and breeds of farm animals.....	3	Poultry judging.....	3
Soil tillage.....	3	Advanced forging.....	3
Forage crops.....	4	Dairy cattle judging.....	2
Physical training.....	2	Farm machinery and engines...	3
		Advanced woodworking.....	3

## SECOND YEAR, FIRST TERM

October 30, 1922, to December 20, 1922.

<i>Required</i>	<i>Periods a week</i>	<i>Electives</i>	<i>Periods a week</i>
Injurious and beneficial insects..	3	Field crop management.....	3
Infectious diseases and farm sanitation.....	3	Advanced farm machinery, gas engines and tractors.....	3
Farm accounts.....	3	Farm construction methods....	4
Soil fertility, manures and fertilizers.....	3	Breeds of live stock.....	3
Rural economics.....	3	Horse production.....	3
Physical training.....	2	Sheep production.....	3
		Farm poultry practice.....	3
		Fruit packing.....	3
		Woodworking.....	3
		Forging.....	3

## SECOND YEAR, SECOND TERM

January 1, 1923, to February 23, 1923.

<i>Required</i>	<i>Periods a week</i>	<i>Electives</i>	<i>Periods a week</i>
Animal breeding.....	3	Farm butchering, cutting and curing of meats.....	3
Physical training.....	2	Advanced live stock judging....	3
General farm marketing.....	3	Advanced grain judging.....	3
		Soil management.....	3
		Farm sanitary equipment.....	2
		Co-operative banking.....	2
		Spraying.....	3
		Vegetable gardening.....	3
		Incubation and brooding practice.....	3
		Advanced forging.....	3
		General farm management.....	3
		Milk production.....	3
		Rural sociology.....	2

## FIRST YEAR, SECOND TERM

*January 1, 1923, to February 23, 1923.**For those who enter for the first time at the beginning of the second term.*

<i>Required</i>	<i>Periods a week</i>	<i>Electives</i>	<i>Periods a week</i>
Prevention and treatment of animal diseases.....	4	Spraying.....	3
{ Farm dairying.....	3	Woodworking.....	3
or		Forging.....	3
{ Farm horticulture.....	3	Dairy cattle judging.....	2
Judging market grades and classes of live stock.....	3	Farm machinery and engines...	3
Soil tillage.....	3		
Forage crops.....	4		
Farm poultry management.....	3		
Physical training.....	2		

## F. SHORT COURSE IN HOME ECONOMICS

The short course in home economics lasts eight weeks. It begins Monday, October 30, 1922, and ends December 20, 1922. The time corresponds to the first term of the two-year winter course. Work is given in those subjects with which a woman as a practical home-maker should be familiar. Economy in the management of household affairs is the keynote of the whole course. The student learns how to save material, time, and labor. The course offers the kind of knowledge which a woman can apply in her everyday housework and relations to the farm. In addition to the courses in home economics, practically all the work offered in the two-year winter course for young men is open to women who desire to elect any of these courses.

**Entrance Requirements:** Any woman more than 16 years old may attend. Older women who have had the care and responsibility of managing a house will find much that will interest them and because of their experience will derive even greater benefit from the course than girls who are less experienced. It is desirable that all students should have at least a common school education. There are no entrance examinations.

**Fees and Expenses:** There is no tuition fee, but each student pays a \$10 incidental fee and small laboratory fees to cover cost of materials used.

## COURSE IN HOME-MAKING

	<i>Periods a week</i>
Food preparation.....	5
Meal planning.....	5
Sewing, or	
The dress problem }.....	5
Household management.....	3
Home nursing.....	2
Millinery.....	3



## COURSE IN TRADE DRESSMAKING

This is a course planned for young women who wish to know dress-making thoroly for their own use or as a means of making money in the home. In it the student spends full time in the dressmaking shop. This time is divided approximately as follows (based on 5 hours class work a day, five days a week for seven weeks):

Construction.....	103 hrs.
Drafting.....	18 hrs.
Designing.....	36 hrs.
Selection of material.....	18 hrs.

The foregoing division is varied to suit the needs of the individual student.

## G. SPECIAL COURSE IN DAIRY MANUFACTURES

The purpose of this course is to train men and women for butter-making, cheese-making, ice-cream manufacturing, and the handling of market milk. Success in dairy manufactures now depends on a knowledge of the most modern methods. So great is the value of dairy products and so dependent on quality that the efficiency of the plant is measured by the ability of its employes to turn out the largest amount of high-quality product from the raw material. Only trained men can cope with the varied problems of manufacturing, marketing, and business management. The plant manager must be capable of directing and assisting skilled and technical trained labor. These qualifications may be gained through many years of work in commercial plants or by thorough school training combined with a much shorter period of practical experience. This special short course is designed to teach the fundamental principles necessary for the manufacturing and handling of dairy products and abundant opportunity is given to learn their application through practical work in the creamery. The work is so elastic that those with advanced preparation and experience are able to occupy their time as fully as those who come with little or no experience. The calls on the Missouri College of Agriculture for trained men to accept responsible positions in creameries, ice-cream plants, cheese factories, market milk plants and large farm dairy establishments have exceeded the supply. The course begins January 1 and ends February 23, 1923. Students are required to pay a library, hospital and incidental fee of \$10.00. Laboratory fees which total approximately \$15.00 are also charged to cover the cost of materials used.

## OUTLINE OF THE COURSE

	<i>Lecture periods</i>	<i>Laboratory periods</i>
Creamery buttermaking.....	2	3
Ice-cream making.....	2	2
Cheese-making.....	2	2
Market milk.....	1	1
Dairy bacteriology.....	1	1
Judging dairy products.....	1	1
Dairy mechanics and refrigeration.....	1	1
Creamery and milk plant management.....	2	0
Milk production.....	3	0

For further information concerning the short winter courses in agriculture, write to

SAM B. SHIRKY,  
SUPERINTENDENT OF SHORT COURSES,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

### THE FARMERS' WEEK SHORT COURSE

In January, each year, the College of Agriculture offers a short course in agriculture for farmers in connection with the Farmers' Week program, arranged in co-operation with the State Board of Agriculture and the various agricultural organizations of the state. In this course special lectures and demonstrations in soils, field crops, animal husbandry, dairying, horticulture, farm management, rural economics, veterinary science, agricultural engineering, poultry farming, and home economics are given in the classrooms, laboratories, and live-stock pavilion belonging to the University. The course will be given again January 15 to 19, 1923.

# THE AGRICULTURAL EXPERIMENT STATION

## BOARD OF CONTROL

*The Curators of the University of Missouri*

## ADVISORY COUNCIL

*The Missouri State Board of Agriculture*

## OFFICERS OF THE STATION

J. C. JONES, Ph. D., LL. D. . . . . President of the University  
F. B. MUMFORD, M. S. . . . . Director of the Experiment Station

### *Agricultural Chemistry:*

C. R. MOULTON, Ph. D.  
L. D. HAIGH, Ph. D.  
W. S. RITCHIE, Ph. D.  
E. E. VANATTA, M. S.  
A. R. HALL, B. S. in Agr.  
E. G. SIEVEKING, A. M.  
E. M. COWAN, A. M.

### *Agricultural Engineering:*

J. C. WOOLEY, B. S.  
MACK M. JONES, B. S.

### *Animal Husbandry:*

E. A. TROWBRIDGE, B. S. in Agr.  
L. A. WEAVER, B. S. in Agr.  
A. G. HOGAN, Ph. D.  
F. B. MUMFORD, M. S.  
D. W. CHITTENDEN, B. S. in Agr.  
A. T. EDINGER, A. M.  
H. D. FOX, A. M.

### *Botany:*

W. J. ROBBINS, Ph. D.  
E. F. HOPKINS, Ph. D.

### *Dairy Husbandry:*

A. C. RAGSDALE, B. S. in Agr.  
W. W. SWETT, A. M.  
WM. H. E. REID, A. M.  
SAMUEL BRODY, M. A.  
C. W. TURNER, A. M.  
D. H. NELSON, B. S. in Agr.

### *Entomology:*

LEONARD HASEMAN, Ph. D.  
K. C. SULLIVAN, A. M.  
O. C. MCBRIDE, B. S. in Agr.

### *Field Crops:*

W. C. ETHERIDGE, Ph. D.  
C. A. HELM, A. M.  
L. J. STADLER, Ph. D.  
O. W. LETSON, B. S. in Agr.  
A. C. HILL, B. S. in Agr.  
B. M. KING, B. S. in Agr.  
MISS BERTHA C. HITE, A. B.\*  
MISS PEARL DRUMMOND, A. A.\*

### *Rural Life:*

O. R. JOHNSON, A. M.  
S. D. GROMER, A. M.  
E. L. MORGAN, A. M.  
BEN H. FRAME, A. S. in Agr.

### *Horticulture:*

V. R. GARDNER, M. S. A.  
H. D. HOOKER, Jr., Ph. D.  
J. T. ROSA, JR., Ph. D.  
F. C. BRADFORD, M. S.  
H. G. SWARTWOUT, B. S. in Agr.

### *Poultry Husbandry:*

H. L. KEMPSTER, B. S.  
EARL W. HENDERSON, B. S. in Agr.

### *Soils:*

M. F. MILLER, M. S. A.  
H. H. KRUSEKOFF, A. M.  
W. A. ALPRECHT, Ph. D.  
F. L. DULEY, A. M.\*\*  
WM. DE YOUNG, B. S. in Agr.  
H. V. JORDAN, B. S. in Agr.  
RICHARD BRADFIELD, A. B.  
O. B. PRICE, A. M.

### *Veterinary Science:*

J. W. CONNAWAY, D. V. S., M. D.  
L. S. BACKUS, D. V. M.  
O. S. CRISLER, D. V. M.  
A. J. DURANT, A. M.  
H. G. NEWMAN, A. M.

### *Other Officers:*

R. B. PRICE, M. S., Treasurer.  
LESLIE COWAN, B. S., Secretary.  
SAM B. SHIRKY, A. M., Assistant to the Director.  
A. A. JEFFREY, A. B., Agricultural Editor.  
J. F. BARHAM, Photographer.  
E. E. BROWN, Business Manager.  
JANE FRODSHAM, Librarian.

\*Seed Testing Laboratory, in service of  
U. S. Department of Agriculture.

\*\*On leave of absence.



## GENERAL STATEMENT

This station was established by the Act of Congress of 1887, and by the acts of the General Assembly of Missouri accepting its provisions. By an order of the Board of Curators of the University it was made a division of the College of Agriculture.

The special function of the Agricultural Experiment Station is to conduct original research in the various branches of agriculture. At this time investigations are in progress relating to the maintenance of soil fertility, the renovation of worn-out soil, rotation of crops, the adaptability of new plants to Missouri's soil and climate; the most economical methods of beef and pork production; dairying; animal diseases, their prevention or cure; animal and plant breeding; the propagation, selection, breeding and improvement of fruits and vegetables; tests of varieties of orchard and small fruits; insect pests and fungous diseases. In addition to these experiments conducted on the college grounds, the station is making soil and crop tests on the principal soil types of the state. Preliminary to these tests and fundamental to all permanent improvements in the system of cropping and soil management, the Agricultural Experiment Station is making a systematic survey of the soils of the state, outlining and studying each type in detail. A reconnoissance survey of the entire state has been completed, as well as a detailed and final survey of 56 individual counties.

The results of all these investigations are published in the form of bulletins and annual reports, which are distributed free to all who make a request for them. Requests for Experiment Station publications should be made to F. B. MUMFORD, DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION, COLUMBIA, MISSOURI.

## AGRICULTURAL EXTENSION SERVICE

---

During the fiscal year ending June 30, 1922, the work of the Agricultural Extension Service will be conducted thru the medium of seventeen distinct projects. Each project covers a separate line of extension activity. Following is a summary statement of the work by projects:

**Organization and Administration of Extension Work:** This project provides the organization for the supervision and administration of the Agricultural Extension Service as a whole.

**Publications:** Provision is made in this project for issuing three series of Extension publications. One series (Agricultural Extension Circulars) gives information on farm and farm home practices; another (Project Announcements) outlines Extension plans and reports results of Extension work; the third is a poster series. The Circular series answers questions that Missouri farmers commonly ask about soils, crops, orchards, live stock and home-making. The poster series is used to give conspicuous notice in public places to matters of special agricultural significance.

**Agricultural Extension Work by Means of County Agricultural Agents:** In order to carry the teachings of the College of Agriculture and the results of investigations made by the Agricultural Experiment Station to the farmers of Missouri in a direct and effective manner, funds of the Agricultural Extension Service are used to employ men who devote their whole time to individual counties. These men are called county agricultural agents. In addition to the technical instructional and demonstration work done by the county agents themselves, their work as organizers of the rural interests and forces in their respective counties, and their activity in arranging for effective work by specialists from the University and from various outside agencies, are functions of paramount importance. County agricultural agents are employed co-operatively by the University of Missouri and the counties concerned. The United States Department of Agriculture gives each county agent the use of the department's free franking privilege and pays a portion of the salaries of the county agent leaders and assistant leaders. Sixty-two Missouri counties now have agricultural agents.

**Extension Work in Agriculture and Home Economics for Negroes:** This project makes ample provision for the employment of two negro agents, a man trained in agriculture and a woman trained in home economics. These agents work in co-operation with an organization of negro farm people known as the Central Missouri Negro Farm Bureau. This organization has its headquarters at the Bartlett Industrial School for Negroes, Dalton, Mo. The agents employed under this project are also provided with headquarters at Bartlett School, thereby enabling the University to take advantage of the contacts which are made possible thru the officers and committees of the negro bureau.

The negro agents cover the field in a general way and, except for the fact that the territory of each includes a number of counties, their work is quite similar to that of the county agricultural agent and the county home demonstration agent.

**Extension Work in Home Economics:** The purpose of this project is to organize, correlate, and conduct instructional and demonstration work for farm women by means of lectures, publications, and actual demonstra-

tions in farm homes. It is the purpose of all extension work in home economics to make available for farm women information which can be put into immediate and practical use. Following are a few of the lines of work considered:

*Foods:* Their characteristics, nutritive qualities, and economic production, selection, preservation, preparation, and serving, with special regard to the needs of farm people.

*Fabrics:* Their qualities and adaptations; methods of making clothing and articles for household use; approved methods and agents used in laundering; care and preservation.

*Housing, House Furnishing, and Household Management:* House planning and remodeling to secure convenience in household work and management, effective heating, lighting, water supply, and sewage disposal systems, sanitation, and the exclusion of vermin. Furnishing home for convenience, economy, beauty and comfort. The business aspects of household management.

*Home Care of the Sick:* This phase of home economics extension is new and for the present is being developed mainly along the line of proper care of infants and children.

**Home Economics Extension Work by Means of County Home Demonstration Agents:** The most significant development in home economics extension work during recent years is the beginning of extension work thru county home demonstration agents. These agents are given field headquarters and are assigned to full-time work in individual counties. Home demonstration agents act as the direct representatives of the University and the county concerned. County home demonstration agents are now in fourteen counties of the state.

**Boys' and Girls' Club Work:** The primary purpose of the boys' and girls' club work is to teach agriculture and home economics in a practical and forceful manner to Missouri boys and girls between the ages of 10 and 18 years, and to use the demonstrations carried out by these boys and girls in solving rural problems. The following clubs are now being conducted: Corn clubs, poultry clubs, sewing clubs, stock judging clubs, pig clubs, calf clubs, garden and canning clubs, bread-baking clubs, and school hot lunch clubs.

**Extension Work in Soils:** This project provides the means of giving help to farmers mainly by demonstration work on farms to show the advantages of a proper use of fertilizers and other soil treatments, as well as to demonstrate methods of handling soils of the various types common to the state so as to produce maximum crops with minimum loss of fertility and minimum loss of soil itself thru erosion or otherwise. Extension work along this line is based upon the findings of the Agricultural Experiment Station thru its outlying experiment fields, located upon all of the leading soil types of the state.

**Extension Work in Field Crops:** This project provides specifically for the following activities:

1. On demand, so far as time permits, demonstrations will be made on farms where there are field crop problems to be solved, provided the demonstration can be organized so as to have a community value. Such demonstrations will be only on farms typical of the areas in which they are located.

2. The production of high-yielding varieties and strains of farm crops will be encouraged by



- (a) Growing selected varieties and strains in comparison with local strains;
- (b) Growing pure-bred varieties in comparison with mongrel varieties;
- (c) Demonstrations in field selection, methods of cultivation, and general practices necessary in the production of good home-grown seed of all kinds;
- (d) Testing of seeds for purity and germination.

A limited amount of time may be devoted to judging at grain shows, but only insofar as it does not interfere with more substantial lines of extension work.

**Extension Work in Animal Husbandry:** This project provides for the encouragement of the live stock industry of the state by extending to all farmers a better knowledge of live stock and all matters relating to its proper feeding, breeding, management and utilization. As rapidly as possible farms will be selected upon which actual demonstrations in the care and management of live stock will be established, and with these farms as object lessons, communities will be induced to adopt more profitable systems of live stock raising.

A definite project is being conducted in order to induce farmers to use pure-bred sires. Meetings are held on farms where pure-bred sires are in use or have been used and where the offspring are available to show the good effects of pure-bred sires.

Assistance is given in organizing breeding circles or associations for the co-operative ownership of pure-bred sires; also by helping to build up special live stock interests in selected communities by organizing farmers around such special interests.

Assistance is also given breeding circles in the selection of pure-bred sires, the group receiving the service being required to pay all travel and other expenses incident to such service.

**Extension Work in Dairy Husbandry:** The College of Agriculture gives help to dairy farmers along the following lines:

1. Demonstrations in breeding, feeding, keeping milk records, and the general management of dairy farms;
2. Organizing cow-testing associations for the purpose of determining the actual profits derived from each cow belonging to the members of the association, with the thought of eliminating the unprofitable individuals from the various herds;
3. Giving instruction along dairy lines at farmers' meetings and at extension schools of agriculture.
4. Organizing bull associations providing for the use of pure-bred bulls by communities and making provision for exchange of these bulls locally when usefulness in any one community is outgrown.

**Extension Work in Poultry Husbandry:** In order to develop the poultry industry of Missouri as a successful and profitable side line, the College of Agriculture maintains in its Agricultural Extension Service poultry specialists who give their attention to the conduct of demonstration work in feeding, breeding, culling and general poultry management. The work is intended to reach the general farmer as well as the poultry specialist. The keeping of records is especially encouraged and blanks are furnished by the college free of cost for those who wish to keep records of feed and production in order to determine the profitableness of poultry raising on the

farm. A project providing for the certification of high-producing strains of poultry has been initiated.

**Extension Work in Horticulture:** In communities where commercial and farm orcharding is of importance, orchard demonstrations are established to show how to prune, spray, and cultivate an orchard as well as how to pick, grade, and pack the product for market. By arrangement with the owner of each orchard, the entire surrounding community will be given an opportunity to participate in the various demonstrations of orchard practice and to study the results of the methods used by frequent visits and inspections of the orchard in which demonstrations are conducted.

One specialist under this project will give special assistance to commercial vegetable growers. The melon growers of Southeast Missouri, the commercial tomato producers of Southwest Missouri and the truck growers supplying the large city markets will be aided by establishing field demonstrations in the use of improved varieties, the use of proper fertilizers and proper cultural methods and the control of fungous disease and insects.

**Farm Engineering:** Under this project blue prints and specifications are furnished for the construction of concrete silos, barns, farmhouses, gates, tanks, icehouses, and other forms of farm construction. Within limits, a college representative will visit farms to assist in starting concrete silos when several are to be built in the same community. No charge is made for services in such cases, but the person for whom the work is done is expected to pay the traveling expenses of the college representative. Special attention will be given this year to the installing of water, sewage disposal, heating, and lighting systems in country homes. Assistance is given in showing farmers how to prevent soil erosion by terracing, and how to reclaim wet lands by drainage.

**Organization of Farm Marketing:** This project provides for giving assistance to farmers in working out some of their simpler farm marketing problems. Since the work is relatively new, it is anticipated that, in the beginning, attention will be centered mainly upon marketing of live stock thru local marketing associations, and marketing of grain thru co-operative elevators. This phase of extension work is in progress of development, and most of the problems will have to be worked out in co-operation with the farmers of the state.

**Educational and Demonstrational Animal Disease Work:** This work is educational in character, having for its object the instruction of farmers in methods of sanitation and the adoption of preventive measures which by co-operative effort may enable farmers to save live stock that might otherwise be sacrificed to preventable diseases. This work is confined largely to the portions of the state in which veterinary help is not easily obtainable.

**Extension Work in Entomology:** This project provides for giving instruction to farm people on insects and their control, with some attention to the care and management of bees. As in all other agricultural extension projects, the information is carried to farm people by means of lectures, lantern slides, illustrative material, press articles, circulars, and field demonstrations, the latter being the principal form of instruction employed. Special attention is directed to those economic insects, such as the chinch-bug, Hessian fly and army-worm, which cause extensive crop damage. In co-operation with the horticultural extension forces, continuous attention is given to the control of insects injurious to trees and fruits.

## SCHOOL OF EDUCATION

---

The School of Education is a professional school for teachers, ranking with the schools of Engineering, Law, Medicine, Journalism, and Business and Public Administration. It affords to advanced students opportunities for specialization in all phases of educational work, including preparation for college and normal school instructorships in education, and for work as superintendents and principals of schools, and heads of academic departments in normal and high schools. It also affords professional training, both theoretical and practical, for teachers in high schools, in elementary schools, and for special teachers in such technical subjects as drawing, industrial arts, home economics, music, and physical education.

The distinctive feature of the work offered by the School of Education consists in the courses in educational psychology, history of education, theory and practice of teaching, school supervision, educational administration, etc., listed under the head of Education. A number of courses are provided also in theory and practice of art, industrial arts, and other technical subjects. In addition, all work offered by the College of Arts and Science is open to students of the School of Education, and many courses in the College of Agriculture and other divisions of the University may be elected in partial fulfillment of the requirements for the degree of Bachelor of Science in Education.

**Equipment:** In order to supplement its class instruction in educational aims and methods, and to cultivate skill in meeting the actual problems of teaching and administration, the School of Education has developed as an integral part of its work an elementary school and a high school for observation and practice. The professor of school supervision is the superintendent of these schools. He is assisted in the work of supervision and administration by the representatives of departments of instruction, who hold positions in the Faculty of the School of Education. Practice in administration and supervision as well as in teaching may be obtained.

The practical work, required in connection with all courses in theory and practice of teaching and practice in school administration, consists of observation, assistance, and class instruction. All students who receive certificates from the School of Education are required to demonstrate their ability to teach satisfactorily, under normal conditions, so that a certificate is practically a guarantee of efficiency. Advancement from observation to assistance and from assistance to class teaching depends upon the candidate's ability to do the work required.

**Opportunities for Specialization:** The School of Education affords opportunities for students to prepare for the positions listed below. In recommending candidates for positions, the character of preparation made in the School of Education is carefully considered. It is advised that each student who expects to engage in school work decide upon the particular kind of position for which he will prepare; and in fulfilling the requirements for the degree and certificate, or in pursuing graduate work, elect courses which are especially valuable in preparing him for this position. To assist students in the choice of courses, the elective work considered especially valuable for each position is indicated below:



*Instructor in Education in College or Normal School.* The prospective instructor in education in a college or normal school will find graduate courses and seminars in educational psychology, history of education, theory of teaching, school supervision, school administration, and philosophy of education. These graduate courses and seminars lead to the degrees of Master of Arts and Doctor of Philosophy.

*Superintendent or Principal of Secondary or Elementary School.* For these, certain elective professional courses are suggested: Educational tests and measurements, principles of education, and all courses in administration and supervision; courses in agriculture, theory of art, particularly education, course H137; music, courses 6 and 7; home economics; industrial arts, and physical education. Courses of such a nature as to give acquaintance with the problems and methods of the subject sufficient for administrative supervision should be taken. For the purpose of enlarging the point of view of the superintendent and principal, some attention should be given to sociology, economics, political science, and American history. Arrangement may be made for practical experience in the work of superintending.

*Supervisor in Special Subjects.* The prospective supervisor should elect the following professional courses: School supervision, principles of education, and elementary education. Also, under the direction of the adviser, he should specialize in one of the following subjects:

Drawing, Mr. Ankeney, adviser.

Music, Mr. Pommer, adviser.

Industrial arts, Mr. Selvidge, adviser.

Home economics, Miss Stanley, adviser.

Agriculture, Mr. Sexauer, adviser.

Physical education, Mr. Clevenger, adviser.

*Teacher in Secondary School.* The prospective secondary school teacher should prepare to teach two subjects. With regard to the selection of these subjects the dean may be consulted. The student who intends to teach in a secondary school should not be content with the minimum number of hours specified in the subjects which he expects to teach.

*Teacher in Elementary School.* The prospective elementary school teacher should elect courses amounting to twenty hours in a subject such as industrial arts, home economics, drawing, music, agriculture, and physical education. Also, one course in American history, and at least one course in geography should be taken.

*Teacher of Vocational Agriculture, Vocational Home Economics, or Vocational Trades and Industries.* A large demand for college-trained teachers of vocational agriculture, home economics, and trades and industries has been created by the Smith-Hughes Act, which provides federal aid for secondary schools giving approved courses in agriculture, home economics, and trades and industries. The University has made special provision for training students for the teaching of vocations in secondary schools which fulfill the requirements for federal aid under the Smith-Hughes Act. A four-year curriculum for the training of teachers of vocational agriculture is indicated on page 79. Students desiring to prepare to teach vocational trades and industries should consult the dean of the Faculty of Education and the professor of industrial education for advice in selecting their curricula.

A four-year curriculum for the training of teachers of vocational home

economics is indicated below. For the first two years the student may register in either the College of Agriculture or the College of Arts and Science, and for the last two years in the School of Education.

## FOUR-YEAR CURRICULUM FOR THE TRAINING OF TEACHERS OF VOCATIONAL HOME ECONOMICS

### FRESHMAN

<i>Fall Term</i>	<i>Winter Term</i>
"Problems in citizenship," including English composition..... 5 hrs.	"Problems in citizenship," including English composition..... 5 hrs.
Chemistry 4 or 6, inorganic chemistry..... 5 hrs.	Botany or zoology..... 5 hrs.
Home economics 50, elementary clothing..... 5 hrs.	Home economics 1, selection and preparation of food... 5 hrs.
<hr/> 15 hrs.	<hr/> 15 hrs.

### SOPHOMORE

<i>Fall Term</i>	<i>Winter Term</i>
Chemistry 15, organic chemistry..... 3 hrs.	Education A102, educational psychology..... 3 hrs.
Home economics 10, household problems..... 2 hrs.	Botany 3, general bacteriology..... 3 hrs.
Bacteriology and preventive medicine 1, preventive medicine..... 2 hrs.	Home economics 11, food problems..... 2 hrs.
Home economics 60, home nursing..... 2 hrs.	Physiology 1, elementary physiology..... 5 hrs.
Theory and practice of art 2, introduction to art..... 5 hrs.	Elective..... 3 hrs.
Elective..... 2 hrs.	
<hr/> 16 hrs.	<hr/> 16 hrs.

### JUNIOR

<i>Fall Term</i>	<i>Winter Term</i>
Education D111, theory and observation of teaching... 3 hrs.	Education F175, administration of vocational home economics..... 2 hrs.
Sociology 1, elementary sociology..... 5 hrs.	Economics 1, general economics..... 5 hrs.
Home economics 120, foods and nutrition..... 5 hrs.	Home economics 121, dietetics..... 3 hrs.
Elective..... 3 hrs.	Home economics 150, the clothing problem..... 5 hrs.
	Elective..... 1 hr.
<hr/> 16 hrs.	<hr/> 16 hrs.

## SENIOR

*Fall Term*

Home economics 101, house sanitation.....	3 hrs.
Education B120, history and principles of education....	4 hrs.
(Practice teaching and electives—see below.)	
Education F110, teaching of vocational home economics.....	2 hrs.

*Winter Term*

Home economics 110, house furnishing.....	3 hrs.
*Home economics 115, house hold management.....	3 hrs.
Education C150, school economy.....	2 hrs.
(Practice teaching and electives—see below.)	

---

\*Including supervised work in a practice house for at least eight weeks.

A minimum of 5 hours in the senior year must be devoted to supervised practice teaching of vocational home economics (education, D160-163). Education F110, teaching of vocational home economics, should be taken in the same term in which the student does practice teaching.

The remainder of the curriculum is elective. The total requirement is 120 hours, exclusive of physical education.

**Recommendation of Teachers:** The recommendation of teachers from the School of Education is in charge of a committee, which is assisted by other members of the faculty. Thru this committee positions are obtained, not only for students of the School of Education, but for students in other divisions, and for teachers who have never attended this University, where these persons are known to be fitted to fill the vacancies reported. In response to requests from the proper authorities, teachers are recommended for positions as instructors in colleges and normal schools, as superintendents, as supervisors in special subjects, as principals or department teachers in high schools, and as principals or teachers in elementary schools. Correspondence with regard to this matter may be addressed to the Committee on Recommendations, University of Missouri, Columbia, Missouri.

**Requirements for Admission:** The requirements for admission to this school are stated on page 20.

**Suggestions Regarding Preparation for Admission:** Students desiring to specialize in home economics or industrial arts may take elementary courses in these subjects during the freshman and sophomore years in the College of Arts and Science, altho credit is not given for all these courses toward the Bachelor of Arts degree.

As soon as a student has determined upon the subject in which he wishes to specialize for a teacher's certificate, he should consult the adviser in that subject, in order that the most advantageous courses may be selected. The selection of a subject of specialization must in any case be made and a list of the courses to be completed in this subject filed with the dean when the student enters the School of Education.

**Special Students:** All students who are candidates for certificates to teach or for the degree must be admitted as regular students of the School of Education.

In addition to these, persons of proper qualifications who wish, without reference to the degree or a life certificate, to make a serious study of some



special phase of education or to gain a knowledge of fields they have hitherto neglected, e. g., theory and practice of art, industrial arts, music, physical education, agriculture, may be admitted as special students under the conditions indicated on page 37. Such students are subject to the general rules of the University regarding special students.

**Hours to be Carried:** Students are permitted to carry not more than 16 credit hours each term.

**Residence Requirements:** A student must spend his senior year in the University of Missouri in order to obtain the degree of B. S. in Education. Students entering with advanced standing must take at least three courses in education to fulfill the requirements for the degree and must take at least one course with not less than three hours' credit in the subject of specialization if a candidate for the life certificate.

**Elective Work:** In general, any study in the University which will tend to make the candidate for the degree a more efficient teacher or specialist in the study of education may be elected, but he will not be permitted to elect studies at random. All elections must be made with the approval of the dean.

**Sequence of Courses in Education:** The sequence of courses in education should be as follows:

1. *Educational psychology* (education, A102) should be taken during the last term of the sophomore year in the College of Arts and Science, or during the first term of the first year in the School of Education.

2. *History and principles of education* (education, B120) should be taken during either term of the first year.

3. *Theory and observation of teaching* (education, D111) should be taken during either term of the first year.

4. *Course in teaching* the subject in which the student specializes for the life certificate should be taken in the first year.

5. *Practice teaching* should be taken during two terms of the second year.

6. *School economy* (education, C150) should be taken during either term of the second year.

*Preventive medicine* (preventive medicine, course 1) may be taken at any convenient time.

For the order in which other courses should be taken, the instructors in the respective courses should be consulted.

**Degrees and Certificates:** The School of Education confers only one degree, that of Bachelor of Science in Education (B. S. in Ed.).

The School of Education is authorized by the Legislature of Missouri to confer certificates, valid for life, or for two years, according to the preparation of the candidates, upon persons who, in the judgment of the faculty, are considered qualified to teach in the public schools of the state. For requirements, see below.

**Requirements for Graduation with the Degree of Bachelor of Science:** In order to secure the degree of Bachelor of Science in Education (B. S. in Ed.), the candidate must fulfill the following requirements:

1. He must be regularly admitted to the School of Education.

2. He must complete a major of 24 hours in education, including 3 hours of educational psychology, 4 hours of history of education, or of history and principles of education, 3 hours of theory of teaching, 2 hours of school economy, and 1 hour of school hygiene. (Preventive medicine, course 1, is for the present required in place of school hygiene.)

3. He must in his junior year pass a test of his proficiency in English, excepting that a student whose English is found to be unsatisfactory will be given a further test at the beginning of his senior year. No student will be recommended for graduation until his English is satisfactory. (This requirement of a test in English is not effective in the case of students who complete the requirements for graduation before the opening of the fall term of 1923.)

4. He must complete a total of 60 hours.

5. He must complete a total of 120 points for college work, including the 60 hours' work required for admission to the School of Education and the 60 hours' work required in the School of Education. Each hour of credit is valued in points as follows: E, 3 points; S, 2 points; M, 1 point. No points are given for the I and F grades. "Passed" grades and advanced standing are treated as of M grade. (This requirement of points is not effective in the case of students who complete the requirements for graduation before the opening of the fall term of 1923.)

6. He must be recommended by the Faculty of the School of Education.

**Requirements for a Life Certificate to Teach:** In order to secure a certificate to teach, valid for life, the candidate must fulfill the following requirements:

1. He must be regularly admitted to the School of Education.

2. He must complete a major of 24 hours in education, including 3 hours of educational psychology, 4 hours of history of education or of history and principles of education, 3 hours of theory of teaching, 2 hours of school economy, and 1 hour of school hygiene. (Preventive medicine, course 1, is for the present required in place of school hygiene.)

3. He must have in at least one of the subjects of specialization given below not less than the minimum requirement of University credit as specified. If he enters with advanced standing, he must complete at least one course with not less than 3 hours' credit in his subject of specialization under the advice of the adviser in that subject.

4. He must demonstrate to the satisfaction of the faculty his ability to teach successfully by practice teaching in the elementary school or high school maintained for this purpose, excepting that a student who furnishes satisfactory evidence of successful experience as a teacher may have such experience accepted in partial or total fulfillment of this requirement. No advanced standing, however, is given for teaching experience gained as a teacher receiving a salary.

5. He must in his junior year pass a test of his proficiency in English, excepting that a student whose English is found to be unsatisfactory will be given a further test at the beginning of his senior year. No student will be recommended for a life certificate until his English is satisfactory. (This requirement of a test in English is not effective in the case of students who complete the requirements for the certificate before the opening of the fall term of 1923.)

6. He must complete a total of 60 hours.

7. He must complete a total of 120 points for college work, including the 60 hours' work required for admission to the School of Education and the 60 hours' work required in the School of Education. Each hour of credit is valued in points as follows: E, 3 points; S, 2 points; M, 1 point. No points are given for I and F grades. "Passed" grades and advanced standing are treated as of M grade. (This requirement of points is not

effective in the case of students who complete the requirements for the certificate before the opening of the fall term of 1923.)

8. He must be recommended by the Faculty of the School of Education.

**Subjects of Specialization for Life Certificate:** In partial fulfillment of the requirements for a life certificate to teach, the candidate must have not less than the university credit specified in at least one of the subjects given below. This is a *minimum* requirement. Whether the candidate devotes his study to several subjects, seeks special proficiency in one or two, or specializes in some phase of school administration, should be determined by the kind of school work in which he expects to engage.

The adviser named in connection with a subject for specialization will assist students in the selection of courses in the subject. If no adviser is named, the student should consult the dean. The subject of specialization must be selected by the student and a list of the courses to be completed in this subject filed with the dean when the student enters the School of Education.

*Agriculture*—Mr. Sexauer, adviser.

See four-year curriculum for training teachers of agriculture, page 79.

*Art, Theory and Practice of*—Mr. Ankeney, adviser.

The minimum requirement is 15 hours of university credit in theory and practice of art; and, in addition, a course in the teaching of art (education H101) with 2 hours' credit.

*Biology*—Mr. Curtis, adviser.

The minimum requirement is 20 hours of university credit in botany and zoology, with not less than 10 hours' credit in either subject; and, in addition, a course in the teaching of biological sciences (education H104) with 2 hours' credit.

*Botany*—

The minimum requirement is 15 hours of university credit in botany; and, in addition, a course in the teaching of biological sciences (education H104) with 2 hours' credit.

*Chemistry*—Mr. Schlundt, adviser.

The minimum requirement is 15 hours of university credit in chemistry; and, in addition, a course in the teaching of chemistry (education, H107) with 2 hours' credit.

*Civics*—

The minimum requirement is 15 hours of university credit in political science.

*Economics*—

The minimum requirement is 15 hours of university credit in economics, and allied subjects.

*Education*—Mr. Meriam, adviser.

The minimum requirement is 32 hours of university credit in education, including a course in the teaching of education (education, H108) with 2 hours' credit.

*Elementary Education*—Mr. Meriam, adviser.

The minimum requirement is 20 hours of university credit in subjects relating to elementary education, chosen with the consent of the adviser.

*English*—Mr. Belden and Mr. Fairchild, advisers.

The minimum requirement is 18 hours of university credit in English; and, in addition, a course in the teaching of English (education H110) with 2 hours' credit.



*French—*

The minimum requirement is 18 hours of university credit in French, not including credit for the elementary course in this subject.

*Geography—*Mr. Bratton, adviser.

The minimum requirement is 15 hours of university credit in geology and mineralogy; and, in addition, a course in the teaching of geography (education H113) with 2 hours' credit.

*German—*Mr. Almstedt, adviser.

The minimum requirement is 18 hours of university credit in German, not including credit for the elementary course in this subject; and, in addition, a course in the teaching of German (education H116) with 2 hours' credit.

*History—*Mr. Trenholme, adviser.

The minimum requirement is 15 hours of university credit in history, and 3 hours of university credit in American government; and, in addition, a course in the teaching of history (education H122) with 2 hours' credit.

*Home Economics—*Miss Stanley, adviser.

See four-year curriculum for the training of teachers of vocational home economics, page 98.

*Latin—*Mr. Miller, adviser.

The minimum requirement is 18 hours of university credit in Latin, not including credit for literary or historical courses which do not require the reading of Latin texts; and, in addition, a course in the teaching of Latin (education H125) with 2 hours' credit.

*Industrial Arts—*Mr. Selvidge, adviser.

The minimum requirement is 15 hours of university credit in industrial arts; and, in addition, a course in the teaching of industrial arts (education G130) with 2 hours' credit.

*Mathematics—*Mr. Hedrick, adviser.

The minimum requirement is 15 hours of university credit in mathematics; and, in addition, a course in the teaching of mathematics (education H128) with 2 hours' credit.

*Music—*Mr. Pommer, adviser.

The minimum requirement is 15 hours of university credit in music.

*Physical Education—*Mr. Clevenger, adviser.

The minimum requirement is 15 hours of university credit in physical education; and, in addition, a course in the teaching of gymnastics (education H119) with 2 hours' credit.

*Physics—*Mr. Stewart, adviser.

The minimum requirement is 15 hours of university credit in physics; and, in addition, a course in the teaching of physics (education H131) with 2 hours' credit.

*Physiology—*Mr. Greene, adviser.

The minimum requirement is 8 hours of university credit in physiology and 5 hours' university credit in zoology; and, in addition, a course in the teaching of physiology (education H134) with 2 hours' credit.

*Spanish—*

The minimum requirement is 18 hours of university credit in Spanish.

*Zoology—*Mr. Curtis, adviser.

The minimum requirement is 15 hours of university credit in zoology; and, in addition, a course in the teaching of biological sciences (education H104) with 2 hours' credit.

**Requirement for Two Years' Certificate to Teach:** Upon the completion of not less than 30 hours' work, including 3 hours of educational psychology, 3 hours of theory of teaching, 6 hours of elective work in education, and three-fourths of the minimum requirement in one of the subjects of specialization for a life certificate to teach, a certificate valid for two years may be granted to candidates regularly enrolled in the School of Education. This certificate will not be renewed. The 30 hours in the School of Education and the 60 hours in the College of Arts and Science, which are necessary for entrance to the School of Education, make a total of 90 hours of college work necessary for the two years' certificate to teach. Students entering with advanced standing are not eligible to this certificate if they have not completed at least 20 hours of work in the University of Missouri.

A special bulletin of the School of Education is issued each year. This contains a detailed announcement of all courses, entrance requirements, rules and regulations of the School of Education, and should be consulted by persons wishing full information concerning the school. For this bulletin address

THE REGISTRAR,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

---

For further information concerning the School of Education, address  
J. H. COURSAULT,  
DEAN, FACULTY OF EDUCATION,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

## SCHOOL OF LAW

---

The School of Law began work in 1872 with two instructors and a two-years' curriculum. The number of instructors has been increased from two to six. In 1901 the curriculum was lengthened to three years. The standards for admission of students have gradually been made higher, as the conditions in the state have justified and demanded it. Between 1898 and 1907 the requirements were raised from one year to four years of high school work. In 1910 one year of college work was required for entrance. From 1911 until 1918, two years of college work were required for entrance. These requirements were changed temporarily on account of the war. Beginning again with the fall term of 1921 two years of college work were again required of all regular students. The school has been a member of the Association of American Law Schools since the organization of that association.

### EQUIPMENT

**Building:** The School of Law occupies a large brick building on the quadrangle of the main campus of the University.

**Library:** The law library contains about 23,000 volumes, and includes both the original and the reprints of the English reports; a complete set of the Irish, Scotch, and Canadian Reports; several sets of the reports of the Supreme Court of the United States; a set of the Federal Cases and of the Federal Reporter; all of the state reports to the Reporter System; full sets to date of the reports of the more important American jurisdictions; full sets of the National Reporter System; the necessary digests; and a valuable collection of statutes, session laws, standard treatises, legal periodicals, and encyclopedias. It also contains a large collection of portraits of judges and jurists.

The library is in charge of a trained librarian, and is open to students from 8 o'clock in the morning until 10 o'clock at night.

### AIMS OF THE SCHOOL

The School of Law exists for serving the state and its bar. The primary aim is to equip students for the practice of law. To this end, its methods conform to the most modern standards of legal education. While each teacher is left free to express his own individuality in his work, the school is committed to the case system of instruction, and most of the teachers follow that method exclusively. Written examinations are given in all courses at the end of each term. Regular attendance is required at all class exercises.

The School of Law does not seek merely a large number of students, and the entrance requirements are such as to exclude those whose education and maturity do not fit them for serious study. Also, the school recognizes a duty to the state beyond the equipment and training of practitioners. Many of the University students who do not intend to practice find its courses valuable training for citizenship, for business careers, and



for the service of the public on commissions and in the Legislature. The school attempts to serve the bar of the state by the publication of the Law Series of the University of Missouri Bulletin, hereinafter described.

### HONORS AND PRIZES

<b>Karnes Scholarship</b> <b>Rollins Scholarship</b> <b>William Mack Prize</b>	}	See announcement of scholarships and prizes under general information, pages 57 and 59.
--	---	---

### ADMISSION

**Preliminary Training:** The requirements for admission are the satisfactory completion of (1) a four-years' high school course, or its equivalent, and (2) two-years' work, or 60 hours' credit, in the College of Arts and Science of the University of Missouri or its equivalent.

**Methods of Admission:** Admission may be either by entrance examinations, or certificate from colleges and universities composing the Missouri College Union, or from other reputable colleges and universities. (Acceptance of such certificates lies wholly with the Committee on Entrance of the University, and all correspondence regarding admission should be addressed to the Registrar.)

**Admission to Advanced Standing:** To be admitted to advanced standing, students must present satisfactory evidence that they have pursued successfully in an approved law school the study of the subjects for which they wish credit, and on examination prove themselves proficient in those subjects. Certificates from law schools approved by the faculty, showing that the applicant has accomplished with passing grades the work for which he wishes credit, *may* be accepted in lieu of examination. No law school conferring a degree in law for less than three school years of systematic study of the law will be considered an approved school within the meaning of this requirement. Examinations for advanced standing will not be given to persons not fulfilling the foregoing requirements.

**Admission of Special Students:** Persons more than 21 years old who desire to carry out special lines of work and who have not had the preliminary preparation required for admission as regular students, may be admitted as special students but not as candidates for degrees under the conditions indicated on page 37.

**Admission of Hearers:** For detailed statement, see page 37 of this catalog.

### ELIMINATION OF STUDENTS

Some students qualified for admission fail to measure up to the high standard maintained in the school. Such delinquent students are eliminated in accordance with the rules stated on page 66 of this catalog. Special students will be eliminated whenever their work does not meet the approval of the dean.

### CURRICULUM—DEGREE

**Three-Year Curriculum:** The curriculum of the School of Law extends thru three school years of two terms each. In order to be graduated, a student must have completed with passing grade, seventy-seven (77) hours of work, exclusive of military science and physical training. The

work of the students will normally be distributed as follows: Twenty-seven (27) hours in the first year, twenty-six (26) and twenty-four (24) in each of the succeeding years. However, as the University year is now divided into three terms, the student may shorten his time of residence by attending more than two terms in a calendar year.

In addition, the student must have received 40 points. Points are given as follows: 3 points for each hour of those courses in which the student receives the grade of E; 2 points for each hour of those courses in which the student receives the grade of S; and one point for each hour of those courses in which the student receives the grade of M. No points are given for those courses in which the student receives the grade of I.

The curriculum requires six terms in residence for its completion, and no student will be graduated without six terms of attendance except on account of admission to advanced standing for work in other institutions.

A description of the courses in law may be found in section III of this catalog.

**Combined Curriculum in Arts and Law:** Seniors in the College of Arts and Science may elect courses from the first year in the School of Law for a maximum credit of 30 hours. Under special circumstances this privilege may be extended to juniors with the consent of the deans of the Faculty of Arts and Science and the Faculty of Law. A combined curriculum of this character will enable a student to obtain the degrees of A. B. and LL. B. in twelve terms.

#### LAW SERIES, UNIVERSITY OF MISSOURI BULLETIN

In November, 1913, appeared the first number of the Law Series of the University of Missouri Bulletin. Four numbers of the bulletin are published annually and will be sent to any member of the Missouri bar or to any graduate of the School of Law, free on request. The publication of this series is undertaken for the purpose of presenting to the members of the Missouri bar the results of legal study and research having to do with problems of Missouri law, which are carried on at the School of Law. The bulletins of this series contain three departments. There is an article in each bulletin dealing with some special phase of Missouri law, written by a member of the Faculty of the School of Law. Another department is one of notes on recent cases, which is in charge of a board of student editors under the chairmanship of a member of the faculty. In this department appear brief discussions of questions of law applied in recent Missouri decisions.

The third department is the official publication of the Missouri Bar Association, which recently combined its publication with that of the School of Law.

It is believed that these discussions are of interest and value to the lawyers of the state, and that their preparation constitutes valuable training for the student editors in the use of authorities, and in the handling of legal problems. Students are elected to the editorial board by the Faculty of the School of Law as a result of general excellence in their law school work.

#### MOOT COURTS

Moot court work is done by the local chapters of the three law fraternities and a law club, Phi Delta Phi, Phi Alpha Delta, Delta Theta Phi, and the Alexander Martin Law Club, with the guidance and assistance of members of the faculty.

A special bulletin of the School of Law is issued each year. This contains a detailed announcement of all courses, books used, entrance requirements, rules and regulations of the School of Law, and should be consulted by persons wishing full information concerning the school. For this bulletin address

THE REGISTRAR,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

---

For further information concerning the School of Law, address

J. P. McBAINE,  
DEAN, FACULTY OF LAW,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.



## SCHOOL OF MEDICINE

---

**Historical:** The medical department of Kemper College ("McDowell Medical College"), founded in St. Louis in 1840, was the first medical school established west of the Mississippi River. In 1845 this school became the medical department of the University of Missouri. Shortly before the Civil War, it was discontinued. It was re-established in Columbia in December, 1872. The curriculum was at first only two years in length, but this was extended to three years in 1891, and to four years in 1899.

In 1910 the last two years of the medical curriculum were temporarily suspended, owing to the limited clinical facilities in Columbia. This part of the work will be resumed as soon as it is practicable to establish it with adequate clinical facilities. In the meantime, the first two years of the medical curriculum has been continued at Columbia and still further strengthened. The Medical Certificate is given upon the satisfactory completion of all the work of the curriculum.

The Fifty-first General Assembly, in extra session, appropriated \$250,000 for the erection and equipment of a hospital building. This appropriation was made contingent upon the establishment of the full four-year course in the School of Medicine. The Board of Curators having complied with this requirement, the erection of the hospital building will proceed promptly and students will be enrolled for the full four-years' course as soon as proper conditions for clinical teaching prevail. A more detailed announcement concerning the re-establishment of clinical teaching in the School of Medicine will be made at a later date.

**Policy:** The School of Medicine has always stood for the highest standards of medical education, and was a pioneer in introducing and developing the laboratory method. Laboratory work in anatomy, chemistry, and microscopy was required of students from the date of re-establishment in 1872. A few years later laboratory work in pathology and in physiology was added, and in 1891 the laboratories of histology and bacteriology were established. The School of Medicine of the University of Missouri was also one of the first schools to place these fundamental medical sciences in charge of specialists who are not allowed to practice medicine, but who are required to devote their time exclusively to teaching and investigation.

A most thoro course of instruction with the highest standard of scholarship has been established and maintained.

The aim of the School of Medicine is threefold:

(1) To give a thoro laboratory training in those scientific subjects which are fundamental to medicine and form an indispensable preparation for the clinical work.

(2) To contribute to the advancement of medicine by original investigation in the various sciences upon which modern medicine is based.

(3) To promote the diffusion of medical knowledge among the citizens of the state. For this special purpose, the department of preventive medicine exists.

## EQUIPMENT

**Medical Laboratory Building:** This is a stone and brick building, 48x150 feet, three stories high, with a special system of steam heating and forced ventilation. It was specially designed for the medical laboratories, and is well equipped to meet the needs of modern laboratory instruction and research. An addition to the building, increasing its size by almost one-half, will be constructed in the spring of 1923. The following is a brief list of the various rooms and equipment in this building:

The housing and equipment of the department of anatomy include the following: For gross anatomy, a large dissecting room, well lighted and ventilated, with dissecting tables and display charts, a collection of well-preserved dissections of the body available for demonstration and for student study, equipment for the study of topographic anatomy, including serial frozen sections thru formalin-hardened bodies, embalming and storage room, with an adequate supply of well-embalmed cadavers; numerous models; for histology and neurology, a well-lighted laboratory (with adjacent preparation room) equipped with tables, microscopes, microtomes, complete sets of slides for loaning to students in histology, sets of slides of spinal cord, of serial sections thru medulla and mid-brain, for loaning to students, an abundance of human brains for the course in neurology; lecture room with lantern; room for projection work and for animal operations; provision for advanced anatomy and research work in the shape of private rooms for members of the staff, rooms for advanced students, and an adequate equipment of microscopes and other apparatus.

The departments of physiology, physiological chemistry, and pharmacology occupies the following rooms: A large laboratory, with adjoining storeroom, equipped with tables, lockers, and sets of apparatus for the students in physiology and pharmacology; a blood-pressure room, particularly for mammalian experiments; a research laboratory, thoroly equipped for advanced students in physiology and pharmacology; research laboratory, in physiological chemistry; large students' laboratory with adjacent storeroom, thoroly equipped for work in physiological chemistry; animal room; mechanics' shop; lecture room (in common with pathology).

The departments of pathology and bacteriology occupy a large students' laboratory for bacteriology and pathological histology, well equipped with lockers, microscopes with oil-immersion lenses; a preparation room for bacteriology, with sterilizers, incubators; private laboratory, well equipped for research work in pathology; large room for autopsies and work in gross pathology, including a collection of pathological specimens in glass cases; an animal room and storeroom; research laboratory for bacteriology; lecture room (in common with physiology).

**Public Health Laboratory:** This laboratory, under the direction of the professor of preventive medicine, will, within the limits of its capacity, receive for examination and diagnosis such material as may be submitted by physicians of the state. In this laboratory the various commonly used vaccines are made. Typhoid vaccine is produced here for free distribution to physicians of Missouri. Expert opinion and advice concerning matters of public or personal hygiene may be had by addressing inquiries to Department of Preventive Medicine, University of Missouri, Columbia. For this service no charge will be made.

**Animal House:** The animal house is a brick structure, well lighted, heated, and ventilated, providing excellent facilities for rearing and pre-

serving animals, and for investigations in the various lines of medical science.

**Chemistry Building:** The Chemistry Building is a large brick building, two stories and basement, located on the quadrangle and used in common by the School of Medicine and other divisions of the University. It contains several large laboratories and lecture rooms, with many smaller rooms. The building is thoroly equipped. Schweitzer Hall, the new agricultural chemistry building, also offers splendid facilities for instruction.

**Biology Building:** In the department of zoology the medical students receive instruction in embryology, a new, well-equipped laboratory, with lecture room and museum, being available for this purpose. Courses in comparative anatomy and cytology are also elective to medical students.

**Other Buildings:** In several other buildings on the University campus instruction is offered in many lines open to medical students as electives, and of especial service to those taking the combined curriculum in medicine and in arts and science.

**Medical Library:** No medical school of today can be considered well equipped without a good library. The medical library in the medical building is open eight hours daily, except Sunday. It contains 6,000 bound volumes, and a large number of pamphlets. The principal medical works of reference are included and 100 leading medical periodicals are received regularly and placed on file. Complete sets of most of these journals are available. The main University library also contains many works of interest and value to the medical sciences.

A complete catalog of the books and periodicals in the medical library will be furnished free by the University librarian upon request. *The journals and books in the library will be lent free to any reputable physician of the state. The borrower is required to pay the transportation charges both ways.*

Provision is also made for sending out circulating libraries to county medical societies arranged in circuits. For information, write to the University Librarian or the Dean of the Faculty of Medicine.

## FEEES AND EXPENSES

A library, hospital, and incidental fee of \$25.00 a term is required of students admitted to the School of Medicine. In addition, certain laboratory fees and deposits are required to cover the cost of materials used. Textbooks and stationery cost from \$25 to \$50 per year. Students who are nonresidents of Missouri must pay also a tuition fee of \$10 a term. For cost of board and lodging, see pages 48 and 49.

## ROLLINS SCHOLARSHIP

The Rollins scholarship in the School of Medicine is a prize of \$50, which is awarded to that member of the first-year class (third year of combined curriculum) who has made the best record during the course.

## REQUIREMENTS FOR ADMISSION

The School of Medicine is open alike to men and women.

**Admission to First-Year Class:** For detailed statement, see page 20. The classes are limited in membership because of the inability of the school to properly accommodate all applicants for admission. The selection of students is made upon the basis of scholarship. Application for admission



should be in the hands of the Registrar at the earliest possible time prior to the opening of the session.

**Advanced Standing:** Every applicant for advanced standing is required to present credentials from an acceptable college showing satisfactory completion of courses equivalent to those for which he seeks credit. Moreover, the usual entrance requirements to the first-year class must be satisfied, and evidence of good moral character must be presented to the Dean of the School of Medicine.

Special students will not be admitted to the School of Medicine.

All correspondence regarding admission should be addressed to The Registrar, University of Missouri, Columbia, Missouri.

### CURRICULUM

	Term credits			Hours		Total
	Fall	Winter	Spring	Lecture	Laboratory	
<i>First Year</i>						
Embryology.....	3	.....	.....	16	64	80
Gross anatomy.....	8	4	.....	32	384	416
Histology.....	5	.....	.....	32	128	160
Physiological chemistry.....	.....	5	.....	32	144	176
Neurology.....	.....	3	.....	16	80	96
Medical bacteriology.....	.....	4	.....	32	96	128
Totals.....	16	16	.....	160	896	1,056
<i>Second Year</i>						
Physiology, experimental.....	6	.....	.....	48	128	176
Physiology, alimentary.....	2	.....	.....	16	48	64
Physiology, nervous system...	2	.....	.....	16	32	48
Prescription writing.....	.....	1	.....	.....	32	32
Pathology.....	5	5	.....	64	224	288
Hygiene.....	.....	2	.....	32	.....	32
Pharmacology.....	.....	5	.....	32	96	128
Elective.....	.....	3	.....	.....	96	96
Physical diagnosis.....	.....	.....	3	48	32	80
Minor surgery.....	.....	.....	2	16	32	48
Totals.....	15	16	5	272	720	992

The above work outlined in the regular medical curriculum provides a thoro training in the various subjects usually included in the first two years of medicine. It meets the requirements of the Association of American Medical Colleges, of which this school is a member, and follows closely the ideal courses of the laboratory subjects recommended by the Council on Medical Education of the American Medical Association.

### ELECTIVES

Courses in botany, psychology, zoology, may be elected by students in the School of Medicine who are prepared to pursue them. With the consent of the dean, medical students may take any accessory work offered in other departments of the University.

A special bulletin of the School of Medicine is issued each year. This contains a detailed announcement of all courses, entrance requirements, rules and regulations of the School of Medicine, and should be consulted by persons desiring full information concerning the school. For this bulletin address

THE REGISTRAR,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

---

For further information concerning the School of Medicine, address

GUY L. NOYES,  
DEAN, FACULTY OF MEDICINE,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

## PARKER MEMORIAL HOSPITAL

### Staff

DAN G. STINE.....	Medicine
EDITH H. MATZKE.....	Medicine
DUDLEY S. CONLEY.....	Surgery
GUY L. NOYES.....	Eye, Ear, Nose, and Throat
A. W. KAMPSCHMIDT.....	Anesthesia
M. P. RAVENEL.....	Bacteriology
D. H. DOLLEY.....	Pathology
FRED O. COE.....	Radiographer
CHAS. W. DIGGES.....	Consulting Dental Surgeon

### Officers

GUY L. NOYES, M. D.....	Superintendent
MANCE TAYLOR, R. N.....	Principal of the School for Nurses
LOUISE HILLIGASS, R. N.....	Head Nurse

By the gift of William L. Parker, the University has an excellent hospital. In the words of the donor, the hospital is "for the benefit of the School of Medicine." The building is a handsome, modern structure, on high ground at the west side of the campus.

A surgical amphitheater adjoining the hospital has been provided by the gift of the late Adolphus Busch. The interior has been remodeled recently. Clinical laboratory service of the very best kind is available for all patients. A very modern and complete X-ray equipment has been installed in the hospital.

The Parker Memorial Hospital is owned and operated by the University primarily for the benefit of the University students. It is also open to the sick of Missouri for the treatment of acute and chronic curable diseases. Those who suffer from chronic, incurable, or dangerous communicable diseases are not admitted to the hospital.

Patients are admitted to the hospital at any hour of the day. Application for admission should be addressed to the superintendent of the hospital.

**Rates and Terms:** The following rates are for the maintenance of patients who are not students of the University, including bed, board, and general nursing, but not including medical or surgical service.

*General medical and surgical cases:* Single room, \$28 a week and upward; wards, \$21 a week and upward.

*Special nursing* may be arranged at the regular rates for registered nurses.

*Clinical patients:* \$14 a week, including medical and surgical attention when given by members of the staff.

*Extra fees* will be charged for medicines, special nursing, dressings and the use of the operating room or its equipment. Fees for maintenance are payable invariably in advance.

Physicians who hold consultation with or give treatment to patients not residents in the hospital, and require therefor the attendance of a nurse or the use of the equipment of the hospital, must pay a minimum fee of \$1 for such privilege.

**The Diagnostic Clinic:** When submission of specimens to the Public Health Laboratory seems insufficient for the purpose of making a diagnosis, patients may be sent to the hospital of the University for examination and diagnosis. The combined attention of the members of the hospital staff will be given such patients and a statement of clinical findings, including X-ray examinations, will be rendered to the home doctor. Further information concerning the diagnostic clinic may be had by addressing the Superintendent of Parker Memorial Hospital, University of Missouri.

## THE SCHOOL OF NURSING

The School of Nursing of the University of Missouri was organized in 1901. The school is conducted in connection with the Parker Memorial Hospital. In the fall of 1923 the new hospital will be completed, which will greatly add to the laboratory work of the student nurses.

Students in the School of Nursing are also regularly enrolled in the College of Arts and Science. Upon completion of all the work of the nursing curriculum nurses are granted two years' advanced standing in the College of Arts and Science and the certificate of nursing.

By strict adherence to the curriculum of the School of Nursing and by fulfilling the junior and senior requirements in the College of Arts and Science, one may gain both the certificate in nursing and the A. B. degree in five years.

The course in nursing covers a period of three full years. The first four months of residence in the school are probationary. At the expiration of that time the student is regularly enrolled as a member of the school, provided she is found acceptable.

During the third year of the student's course in nursing an affiliation will be arranged in some other nursing school or schools for the work in such subjects as may not be taught in the University of Missouri at present.

**Requirements for Admission:** All candidates for admission to the School of Nursing must be approved by the principal of the School of Nursing and must, in addition, satisfy the requirements for admission to the College of Arts and Science of the University of Missouri.

**Advanced Standing:** Students who have completed courses in the College of Arts and Science of this University or in others of equal rank may, upon admission to the school, have advanced standing for such required courses as have been taken elsewhere. Nurses who have completed courses in nursing equivalent to the courses required in this school



may have advanced standing in the School of Nursing, provided they satisfy all the requirements for admission to the school.

A special announcement, giving detailed information concerning the School of Nursing, will be sent on request if such requests are addressed to Principal, School of Nursing, University of Missouri, Parker Memorial Hospital, Columbia, Missouri.

**Advanced Standing for Graduate Registered Nurses:** Graduate registered nurses who may wish to receive their A. B. degree from the University of Missouri, will be granted credit for their nursing work, provided such courses in nursing have been taken in schools of nursing which satisfy the requirements of the School of Nursing of the University of Missouri, and provided further, that such students are approved for admission to the College of Arts and Science.

Application for advanced standing should be made to the CHAIRMAN, DEPARTMENT OF NURSING, PARKER MEMORIAL HOSPITAL, UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI.

## SCHOOL OF ENGINEERING

---

**Buildings:** The departments of electrical and mechanical engineering occupy the greater part of the Engineering Building, and the department of civil engineering about half of Switzler Hall. The work in chemistry required of students in chemical engineering is given in the Chemistry Building. Part of the work of the department of agricultural engineering is carried on in the Farm Machinery Building on the University Farm.

The main engineering laboratories are in the engineering annex in the rear of the Engineering Building. Shop work is conducted in a separate building.

### **Laboratories:**

*Agricultural Engineering.* This laboratory contains a large assortment of the best modern machinery, including one or more samples of the principal field and power machines. A line shaft, driven by an electric motor, is available for demonstrating these machines.

For instruction in gas engines and tractors the laboratory is equipped with twelve stationary and portable gasoline and oil engines and samples of the latest type of tractors with suitable equipment for testing them. Lighting units are provided for work on farm-lighting systems. Drafting tables are provided to accommodate the men designing farm buildings.

The equipment for concrete work includes a complete set of concreting tools, molds for building blocks, forms for fence posts, water troughs and tanks, and tile machines, with small apparatus for testing cement and aggregates. Levels and transits with complete sets of tools are provided for tile-drainage work.

*Chemical Engineering.* In addition to the laboratories in general chemistry, there are separate laboratories for other fundamental courses in chemistry required in the chemical engineering curriculum. The general analytical laboratory offers facilities for work in qualitative and quantitative analysis. Special work in the technical analysis of fuels, water, gas and commercial products is given in smaller laboratories equipped especially for these lines of work. Two laboratories are available for general work in organic chemistry, and more advanced work along organic lines is provided for in a furnace room and a laboratory for the preparation of organic compounds. The laboratory in physical chemistry is equipped for work in electro-chemistry and measurements in radio-activity. Advanced students have an opportunity to pursue work in metallography and microphotography on heat-treated alloy steels.

*Civil Engineering.* The equipment for testing materials includes several vertical testing machines with all the necessary accessories for tension, compression, and transverse tests on iron, steel, cement, concrete, and brick.

The road materials laboratory contains machines for making complete tests upon stone for road purposes, a standard rattler for paving brick tests, and apparatus required in investigating bituminous road materials.

The collection of surveying instruments includes instruments used in ordinary field practice, precise surveying, geodetic work, hydrographic surveying, water supply and stream measurement.

*Electrical Engineering.* The electrical engineering laboratory contains direct and alternating current generators and motors of the common types met with in practice, and all the instruments necessary to make complete tests of their operation. Besides several low-ratio transformers used in routine exercises, the laboratory has a 10,000-volt and a 40,000-volt transformer for high-tension experiments. A set of Edison cells and one of chloride cells are available for experiments on storage batteries.

A low voltage motor-generator set is provided for general electrochemical processes, such as electroplating with gold, silver, nickel, and copper. One large and several small electric furnaces are used for demonstrations of the electric processes involved in the production of carborundum, graphite, emery, calcium carbide, and ferro-alloys.

The telephone equipment comprises a demonstration board showing all the apparatus and operations involved in a connection thru two offices. For experiments in telephone transmission there is a high-frequency generator and an artificial line which is electrically equivalent to fifty miles of underground wire.

*Mechanical Engineering.* The mechanical engineering laboratory contains seven different types of steam engines, a steam turbine with super heater, condensers, four gas engines, reciprocating and centrifugal pumps, fans, blowers, heating coils for work on ventilation and heating, and a variety of other machinery. Standard apparatus for determining the analysis and calorific value of coals and gases is provided. The laboratory is supplied with the usual equipment of indicators, gauges, water and gas meters, scales, and other necessary accessories.

The central power plant of the University is used for conducting boiler tests under actual operating conditions.

A high-grade, high-powered, motor-driven lathe has been secured to make production tests to determine the proper kind of tools and the best cutting speeds for machine work on metals in connection with the work in shop efficiency. Power is registered by an indicating and recording Esterline meter.

A new 50-horsepower bituminous gas producer provides facilities for test and research.

*Library.* The engineering library in the Engineering Building has about 7,500 standard engineering books. These have been very carefully selected and include the works of all the best American and English engineering authors. About 100 periodicals are regularly received, together with publications recording the transactions of the more important engineering societies.

## ADMISSION, CURRICULA, AND DEGREES

**Requirements for Admission:** The requirements for admission to the School of Engineering are the same as the requirements for admission to the College of Arts and Science. (See page 20.)

**Curricula and Degrees:** There are five curricula leading respectively to the professional degrees of Agricultural Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, and Mechanical Engineer. The requirement for a professional degree is 166 credit hours, including 8 hours of military science and physical education.

The degree of Bachelor of Science in Engineering may be given at the end of eight and one-half terms of college work for a total of 136 hours'



credit, including 8 hours of military science and physical education, as shown in the following tables.

Students may obtain both the A. B. and a professional engineering degree in twelve and one-half terms. Those who can afford the additional time required are urged to take advantage of the opportunity thus afforded for general cultural training combined with an engineering education. This is made possible by—

(a) The acceptance of the following subjects (to a maximum of 20 credit hours) for the A. B. degree: Mechanics (Eng.) (Courses 101, 102, 112, 205); electrical machinery (E. E. 101, 102), 8 hours; applied thermodynamics (M. E. 231), 3 hours; drawing (E. D. 1), 3 hours; elementary surveying (C. E. 102), 3 hours; woodwork (I. A. 1), 2 hours; metalwork (I. A. 2), 2 hours.

(b) The waiving of certain restrictions in the choice of electives in the School of Engineering for students having an A. B. degree.

Students desiring to take both the A. B. and a professional engineering degree should plan their work carefully from the beginning to insure that the following items are accomplished in their first eight and one-half terms:

1. The completion of all the requirements for the A. B. degree. (See page 67.)

2. The completion of sufficient electives chosen from the subjects from the School of Engineering that are accepted toward an A. B. degree (see list in paragraph [a] above) to reduce the required engineering courses remaining to be taken in the last four and one-half terms to a maximum of sixty-eight credit hours.

Curricula meeting all these requirements are not difficult to arrange, and considerable latitude may be allowed to satisfy individual needs and inclinations. To assist students in planning their work the Dean of the Faculty of Engineering should be consulted.

### AGRICULTURAL ENGINEERING

(Administered jointly by the Dean of the Faculty of Agriculture and the Dean of the Faculty of Engineering.)

The demand for men trained in engineering as applied to different phases of agriculture has led to the introduction of some courses in agricultural engineering. The curriculum as outlined emphasizes the fundamentals of engineering subjects and introduces the student to modern scientific agriculture, which is a necessary preparation for agricultural engineering.

The training contemplated will fit men for professional work in that line of engineering where an agricultural viewpoint is necessary, such as problems in drainage and irrigation, planning for buildings, and design of farm machinery. It will fit men for government and teaching positions, for experts and salesmen with farm machinery manufacturers and prepare them to take charge of large farms where engineering applications in agriculture are important factors.

### CHEMICAL ENGINEERING

Rapid development of the chemical industries and increasing demand for engineers trained in fundamental chemical subjects have led to the introduction of courses in chemical engineering. The curriculum outlined is designed to give a broad and thoro training in general engineering subjects,

and in theoretical and applied chemistry. Instruction in chemistry continues thruout the course. The general principles of physical science are further emphasized by extended courses in mathematics, physics and mechanics.

The curriculum aims to teach the student a scientific method of work. Instruction is given by means of recitations, lectures, laboratory work, and conferences. The electives enable the student to give some attention to specialization, but the prime object of the course is to produce a broadly-trained chemical engineer.

### CIVIL ENGINEERING

The field covered by this course is wide, embracing topographical, railway, hydraulic, structural, municipal, and highway engineering. It is the aim to give a broad general training which may later serve as a foundation for the development of any special line under civil engineering.

The curriculum has, therefore, been arranged with the purpose of providing thoro training in those fundamental sciences and principles upon which the practice of the civil engineer is based, and also, so far as practicable, of giving instruction in the special subjects which underlie the several branches.

### ELECTRICAL ENGINEERING

The curriculum in electrical engineering is intended to prepare students for electrical designing, manufacturing, contracting, and for the installation and management of central and isolated electric light stations, power plants, and electric railways.

The technical work consists of the theory and principles of electricity and magnetism; electrical measurements; calibration of instruments; tests of all kinds; design and construction; study of problems in the generation, transmission, distribution, and utilization of electrical energy.

### MECHANICAL ENGINEERING

The curriculum in mechanical engineering is intended to fit young men to get the greatest advantages from the practical experience which must precede, accompany, or follow such a study of the applications of the sciences in a profession; and will enable them to be of earlier and greater responsible value in connection with engineering properties—as designers, installing engineers, in testing and inspection work, in engineering salesmanship or other associated specialties, in power plant operation, in manufacturing, in efficiency improvement, and in the conception, organizing and direction of extended mechanical industrial enterprises.

## CURRICULA IN ENGINEERING, 1922-23

## FIRST YEAR

Subject.	Department and Course No.	Term.		
		Fall.	Winter.	Spring Half.
Problems in citizenship, including English composition.....	Citizenship 1f, 2w..	5	5	
Trigonometry and algebra.....	Math. 2f.....	5		
Analytical geometry.....	Math. 4w.....		5	
Calculus.....	Math. 5sp.....			3
General inorganic chemistry.....	Chem. 1f or w.....	5 or 0	0 or 5	
Drawing I.....	E. D. 1f or w.....	0 or 3	3 or 0	
Woodwork.....	I. A. 1f or w.....	0 or 2	2 or 0	
Elementary surveying.....	C. E. 2sp.....			3 or 0
Materials of construction.....	C. E. 132sp.....			0 or 3
Drawing II.....	E. D. 2sp.....			2 or 0
Metal work.....	I. A. 2sp.....			0 or 2
Military science and physical education.....	M. S.....	2	2	
		17	17	8

*Agricultural Engineering*

## SECOND YEAR

Subject.	Department and Course No.	Term.	
		Fall.	Winter.
Calculus.....	Math. 6f, 107w.....	3	3
General physics.....	Physics 3f, 4w.....	5	5
Elementary surveying.....	C. E. 2f.....	3 or 0	
Materials of construction.....	C. E. 132f.....	0 or 3	
Mechanics of engineering.....	Mech. 100w.....		3
Drawing II.....	E. D. 2f.....	2 or 0	
Metalwork.....	I. A. 2f.....	0 or 2	
Types of live stock.....	An. Husb. 1f.....	3	
Field crops.....	F. C. 1w.....		5
Military science and physical education..	M. S.....	2	2
		18	18

## THIRD YEAR

Subject.		Term.	
		Fall.	Winter.
Mechanics of engineering.....	Mech. 101f.....	5	
Electrical machinery.....	E. E. 101f, 102w.....	4	4
Heat machinery A.....	M. E. 131f.....	3	
Farm gas engines.....	Ag. E. 11f.....	3	
Machine work.....	I. A. 4w.....		2
Soil physics.....	Soils 1w.....		5
Technical writing.....	English 103w.....		2
Elective.....			2
		15	15



*Agricultural Engineering*

## FOURTH YEAR

Subject.	Department and Course No.	Term.	
		Fall.	Winter.
Hydraulics.....	C. E. 140f.....	3	
Farm tractors.....	A. E. 112f.....	3	
Irrigation and drainage.....	C. E. 243f.....	2	
Sanitary engineering.....	C. E. 152f.....	2	
Farm buildings.....	A. E. 30w.....		4
General economics.....	Ec. 1w.....		5
Farm machinery.....	A. E. 30w.....		2
Elective.....		4	3
		14	14

*Chemical Engineering*

## SECOND YEAR

Calculus.....	Math. 6f, 107w.....	3	3
General physics.....	Physics 3f, 4w.....	5	5
Elementary surveying.....	C. E. 2f.....	3 or 0	
Materials of construction.....	C. E. 132f.....	0 or 3	
Mechanics of engineering.....	Mech. 100w.....		3
Drawing II.....	E. D. 2f.....	2 or 0	
Metalwork.....	I. A. 2f.....	0 or 2	
Qualitative analysis.....	Chem. 27w.....		3
Inorganic chemistry.....	Chem. 2f.....	3	
Military science and physical education..	M. S.....	2	2
		18	16

## THIRD YEAR

Mechanics of engineering.....	Mech. 101f.....	5	
Electrical machinery.....	E. E. 101f, 102w.....	4	4
Quantitative chemical analysis.....	Chem. 121f.....	5	
Organic chemistry.....	Chem. 110w.....		5
Graphic statics.....	C. E. 120w.....		2
Technical writing.....	English 103 w.....		2
Elective.....			3
		14	16

*Chemical Engineering*

## FOURTH YEAR

Hydraulics.....	C. E. 140f.....	3	
General economics.....	Econ. 1w.....		5
Physical chemistry.....	Chem. 131f.....	5	
Machine design A.....	M. E. 103f.....	4	
Heat machinery A.....	M. E. 131f.....		3
Elective.....		3	7
		15	15

*Civil Engineering*

## SECOND YEAR

Subject.	Department and Course No.	Term.	
		Fall.	Winter.
Calculus.....	Math. 6f, 107w.....	3	3
General physics.....	Physics 3f, 4w.....	5	5
Elementary surveying.....	C. E. 2f.....	3 or 0	
Materials of construction.....	C. E. 132f.....	0 or 3	
Mechanics of engineering.....	Mech. 100w.....		3
Drawing II.....	E. D. 2f.....	2 or 0	
Metalwork.....	I. A. 2f.....	0 or 2	
Higher surveying.....	C. E. 104w.....		4
Roads and pavements.....	C. E. 151f.....	2	
Military science and physical education..	M. S.....	2	2
		17	17

## THIRD YEAR

Mechanics of engineering.....	Mech. 101f.....	5	
Electrical machinery.....	E. E. 101f, 102w.....	4	4
Hydraulics.....	C. E. 140w.....		3
Graphic statics.....	C. E. 120f.....	2	
Stresses.....	C. E. 121w.....		3
Heat machinery A.....	M. E. 131f.....	3	
General economics.....	Econ. 1w.....		5
		14	15

## FOURTH YEAR

Railway surveying.....	C. E. 111f.....	4	
Sanitary engineering.....	C. E. 152f.....	2	
Masonry structures.....	C. E. 125w.....		3
Physical geology.....	Geology 2w.....		3
Machine design A.....	M. E. 103f.....	4	
Technical writing.....	English 103w.....		2
Structural design.....	C. E. 122w.....	3	
Elective.....		3	7
		16	15

*Electrical Engineering*

## SECOND YEAR

Calculus.....	Math. 6f, 107w.....	3	3
General physics.....	Physics 3f, 4w.....	5	5
Elementary surveying.....	C. E. 2f.....	3 or 0	
Materials of construction.....	C. E. 132f.....	0 or 3	
Mechanics of engineering.....	Mech. 100w.....		3
Drawing II.....	E. D. 2f.....	2 or 0	
Metalwork.....	I. A. 2f.....	0 or 2	
General economics.....	Econ. 1w.....		5
Elective.....		2	
Military science and physical education..	M. S.....	2	2
		17	18

## THIRD YEAR

Subject.	Department and Course No.	Term.	
		Fall.	Winter.
Mechanics of engineering.....	Mech. 101f.....	5	
Electrical machinery.....	E. E. 101f, 102w.....	4	4
Advanced calculus.....	Math. 108w.....		3
Hydraulics.....	C. E. 140f.....	3	
Heat machinery A.....	M. E. 131f.....	3	
Graphic statics.....	C. E. 120f.....		2
Machine design A.....	M. E. 103f.....		4
Technical writing.....	English 103w.....		2
		15	15

*Electrical Engineering*

## FOURTH YEAR

Advanced D. C. machinery.....	E. E. 103f.....	3	
Advanced A. C. ....	E. E. 110f.....	3	
Advanced A. C. machinery.....	E. E. 111w.....		6
Telephony.....	E. E. 134w.....		2
Heat machinery B.....	M. E. 132f.....	4	
Elective.....		5	6
		15	14

*Mechanical Engineering*

## SECOND YEAR

Calculus.....	Math. 6f, 107w.....	3	3
General physics.....	Physics 3f, 4w.....	5	5
Elementary surveying.....	C. E. 2f.....	3 or 0	
Materials of construction.....	C. E. 132f.....	0 or 3	
Mechanics of engineering.....	Mech. 100w.....		3
Drawing II.....	E. D. 2f.....	2 or 0	
Metalwork.....	I. A. 2f.....	0 or 2	
Machine work.....	I. A. 4w.....		4
Pattern-making.....	I. A. 3w.....	2	
Military science and physical education..	M. S.....	2	2
		17	17

## THIRD YEAR

Mechanics of engineering.....	Mech. 101f.....	5	
Electrical machinery.....	E. E. 101f, 102w.....	4	4
Advanced calculus.....	Math. 108w.....		3
General economics.....	Econ. 1f.....	5	
Graphic statics.....	C. E. 120f.....	2	
Technical writing.....	English 103w.....		2
Heat machinery A.....	M. E. 131w.....		3
Machine design A.....	M. E. 101w.....		4
		16	16



*Mechanical Engineering*

## FOURTH YEAR

Subject.	Department and Course No.	Term.	
		Fall.	Winter.
Hydraulics.....	C. E. 140f.....	3	
Machine design A.....	M. E. 103w.....		3
Mechanical laboratory A.....	M. E. 121f, 122w.....	2	2
Heat machinery B.....	M. E. 132f, 133w.....	4	3
Elective.....	.....	5	6
		14	14

*Note:* Applicants for the Bachelor's degree must submit evidence of two months' experience in some field of engineering or activity closely related to engineering.

*Agricultural Engineering*

## FIFTH YEAR

Required work:			Hours
C. E.	291w	—Specifications and contracts.....	1
"	142w	—Water supply.....	2
F. M.	110w	—Farm organization.....	3
A. E.	122w	—Irrigation and drainage.....	2
"	200f	—Thesis.....	3
C. E.	120f	—Graphic statics.....	2
			13
At least 8 hours to be selected from the following group:			
C. E.	125w	—Masonry structures.....	3
E. E.	121w	—Electric motors.....	3
M. E.	151f	—Heating and ventilation.....	3
"	152f	—Heat machinery B.....	3
"	154f	—Refrigeration.....	3
"	103w	—Machine design A.....	4
"	104w	—Machine design B.....	3
Hort.	112w	—Spraying.....	2
"	102f	—Elementary landscape gardening.....	3
"	107w	—Civic improvement.....	1

28

*Chemical Engineering*

Required work:			Hours
C. E.	291w	—Specifications and contracts.....	1
Chem.	141f	—Industrial chemistry.....	3
"	122f	—Quantitative chemical analysis.....	5
"		—Thesis.....	3
			12
At least 8 hours to be selected from the following group:			
Chem.	125f and 126w	—Quantitative organic analysis.....	6
"	133w	—Electro-chemistry.....	5
"	142w	—Industrial chemistry.....	3
"	211f and 212w	—Advanced organic chemistry.....	5 to 6
"	227w, sp or sm	—Advanced analytical chemistry.....	2 to 5
Physics	104f	—Electrical measurements.....	4
Geol.	106f	—Mineralogy.....	5
Botany	3f	—General bacteriology.....	3

33 to 37

*Civil Engineering*

## Required work:

## Hours

C. E.	112f	—Railway location and construction.....	2
"	113w	—Economics of railway construction.....	2
"	222f	—Bridge design.....	3
"	133w	—Testing laboratory.....	1
"	141f	—Water power.....	3
"	291w	—Specifications and contracts.....	1

At least 8 hours to be selected from one of the following groups:

12

## I—Railway and Structural.

C. E.	214w	—Railway engineering.....	3
"	215w	—Railway yards and terminals.....	2
E. E.	241w	—Electric railway engineering.....	2
C. E.	223w	—Higher structures.....	3
"	226f	—Concrete structures.....	3
"	201w	—Geodetic surveying.....	3

16

## II—Hydraulic and Geological.

C. E.	142w	—Water supply.....	2
"	243w	—Irrigation and drainage.....	2
"	244w	—Rivers and canals.....	2
"	201w	—Geodetic surveying.....	3
"	226f	—Concrete structures.....	3
Geol.	108w	—Rocks and rock minerals.....	3
"	100f	—Economic geology.....	3

18

## III—Municipal and Highway.

C. E.	157w	—Sanitary design.....	2
Botany	3f	—General bacteriology.....	3
C. E.	142w	—Water supply.....	2
"	106f	—City planning.....	2
"	134w	—Road materials.....	3
"	155w	—Highway engineering.....	2
"	256f	—Highway design.....	2

16

*Electrical Engineering*

## Required work:

## Hours

E. E.	220f	—Electrical machine design.....	3
"	230f or w	—General and distribution.....	3
Physics	104f	—Electrical measurements.....	4
C. E.	291w	—Specifications and contracts.....	1
E. E.	298f, 299w	—Thesis.....	3

At least 8 hours to be selected from one of the following groups:

14

## I—Power Group.

E. E.	242w	—Transmission.....	3
"	240w	—Central station design.....	2
C. E.	141f	—Water power.....	3
M. E.	133w	—Heat machinery, B.....	3
"	121f, 122w	—Mechanical laboratory, A.....	4
"	234f, 235w	—Gas engineering.....	4

19

## II—Design Group.

E. E.	244w	—Analysis of design problems.....	2
M. E.	103w	—Machine design, B.....	3
E. E.	240w	—Central station design.....	2
"	250f	—Special electrical laboratory.....	2
"	280w	—Application of mathematics to E. E.....	2
C. E.	124w	—Mill structures.....	2

13

*Mechanical Engineering*

Required work:			Hours
C. E.	291w	—Specifications and contracts.....	1
M. E.	111f	—Management engineering.....	3
"	151f	—Heating and ventilation.....	3
"	234f, 235w	—Gas engineering.....	4

11

At least 8 hours to be selected from one of the following groups:

## I—Power Group.

C. E.	141f	—Water power.....	3
M. E.	134f	—Steam power plants.....	4
"	135f	—Steam turbines.....	2
"	231w	—Applied thermodynamics.....	3
"	154f	—Refrigeration, A.....	3
"	261w	—Railway mechanical engineering (locomotive).....	2

17

## II—Design and Manufacturing Group.

E. E.	131w	—Electric motors.....	2
"	133f	—Illumination.....	2
C. E.	133w	—Testing laboratory.....	1
M. E.	102f	—Technology of metals.....	2
"	104f	—Machine design, C.....	2
"	211w	—Shopwork engineering.....	2
"	262w	—Railway mechanical engineering (design).....	2

13

*Note.*—Students electing any one of the above groups, who are interested in the principles of business or public administration, or in the field of pure science, may elect, with the approval of the adviser, work in the School of Business and Public Administration or the departments of mathematics and physics.

Applicants for the professional degrees must submit evidence of four months' experience in some field of engineering or activity closely related to engineering.

A special bulletin of the School of Engineering is issued each year. This contains a detailed announcement of all courses, entrance requirements, rules and regulations of the School of Engineering, and should be consulted by persons desiring full information concerning the school. For this bulletin, address

THE REGISTRAR,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

For further information regarding the School of Engineering, address

E. J. McCAUSTLAND,  
DEAN, FACULTY OF ENGINEERING,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.



# THE ENGINEERING EXPERIMENT STATION

## OFFICERS OF THE STATION

JOHN CARLETON JONES, A. B., A. M., Ph. D., LL. D.....	President of the University
ELMER JAMES McCAUSTLAND, C. E., M. C. E.....	Director

The Engineering Experiment Station was established by the Board of Curators July 1, 1909.

The object of the station is to be of service to the people of the State of Missouri by investigating such problems in engineering lines as appear to be of the most direct and immediate benefit, by publishing these studies and information in the form of bulletins, and by research of importance to the manufacturing and industrial interests of the state and to engineers.

The staff of the station at present consists of a director, together with a number of teachers who have undertaken research under the direction of the station.

Bulletins have been published as follows:

Vol. 1, No. 1, *Acetylene for Lighting Country Homes*, by J. D. Bowles, research assistant, 1909-10.

Vol. 1, No. 2, *Water Supply for Country Homes*, by K. A. McVey, research assistant, 1909-10.

Vol. 1, No. 3, *Sanitation and Sewage Disposal for Country Homes*, by W. C. Davidson.

Vol. 2, No. 1, *The Heating Value and Proximate Analysis of Missouri Coals*, by C. W. Marx and Paul Schweitzer. (A reprint.)

Vol. 2, No. 2, *Friction and Lubrication Testing Apparatus*, by Alan E. Flowers.

Vol. 2, No. 3, *Tests of Road Materials of Missouri*, by W. S. Williams and Warren Roberts.

Vol. 3, No. 1, *The Use of Metal Conductors to Protect Buildings from Lightning*, by E. W. Kellogg.

Vol. 3, No. 2, *Firing Tests on Missouri Coal*, by H. N. Sharp, research assistant, 1911-12.

Vol. 3, No. 3, *A Report on Steam Boiler Trials Under Operating Conditions*, by A. L. Westcott.

Vol. 4, No. 1, *Economics of Rural Distribution of Electric Power*, by L. E. Hildebrand, research assistant, 1912-13.

Vol. 4, No. 2, *Comparative Tests of Cylinder Oils*, by M. P. Weinbach.

Vol. 4, No. 3, *Artesian Waters of Missouri*, by A. W. McCoy, research assistant, 1912-13.

Vol. 4, No. 4, *Friction Tests of Lubricating Greases and Oils*, by A. L. Westcott.

No. 14, *A Study of the Effects of Heat on Missouri Granites*, by W. A. Tarr and L. M. Neuman, research assistant.

No. 15, *A Preliminary Study Relating to the Water Resources of Missouri*, by T. J. Rodhouse. (Out of print.)

No. 16, *The Economics of Electric Cooking*, by P. W. Gumaer.

No. 17, *Earth Roads and the Oiling of Roads*, by H. A. LaRue.

No. 18, *Heat Transmission Thru Boiler Tubes*, by E. A. Fessenden and Jiles W. Haney, research assistant, 1913-14, 1914-15.

No. 19, *Geology of Missouri*, by E. B. Branson.

No. 20, *Energy Necessary to Shear Steel at High Temperatures*, by Guy D. Newton.

No. 21, *Water Supply and Sewage Disposal for Country Homes*, by E. J. McCaustland.

No. 22, *Study Relating to the Water Resources of Missouri*, by T. J. Rodhouse.

The following studies are in progress:

Investigation of asphaltic sandstones of Missouri.

Insulating value of paints and varnishes.

Survey of road-making materials of Missouri.

Coal testing.

Artesian waters of Missouri.

Street paving and paving materials.

Missouri clays.

Surface iron losses in rotating electrical machines.

Recovery of radium and vanadium from raw ores.

Also a number of detailed studies of materials and processes and investigations of Missouri's natural resources.

A standardizing laboratory has been established and part of the apparatus is now available.

For further information regarding the Engineering Experiment Station, address DIRECTOR OF THE ENGINEERING EXPERIMENT STATION, UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI.

## SCHOOL OF JOURNALISM

---

The School of Journalism is a professional school for training in journalism, taking rank with the Schools of Business and Public Administration, Education, Engineering, Law, and Medicine.

Among the distinctive features of the work are courses in the history and principles of journalism, comparative journalism, reporting, feature writing, copy reading, editorial writing, law of libel and privacy, the newspaper library, trade and technical journalism, newspaper illustration, photo-illustration, advertising design, the country newspaper, the agricultural press, agricultural advertising, principles of typography, newspaper direction, office management, and principles, writing and selling of advertising. Special attention is given, also, to those branches of general knowledge that bear directly on the journalist's daily work. Among these are English, Germanic and Romance languages, art, history, economics, government, finance, sociology, philosophy, logic, and psychology.

The *Columbia Evening Missourian*, giving news of Columbia and its vicinity, as well as telegraphic news, is issued thruout the calendar year. On this newspaper the students supplement class instruction by work in gathering, handling, and presentation of news, in advertising, circulation, business management, editorial interpretation and comment, and illustration.

**Requirements for Admission:** The requirements for admission to this division of the University are stated on page 21. It is desirable, altho not required, that the student should have a knowledge of typewriting before entering the school.

**Degree:** The School of Journalism confers one undergraduate degree, Bachelor of Journalism (B. J). A student specializing in agricultural journalism will have the notation "(in Agricultural Journalism)" made upon his diploma.

**Requirements for Graduation:** To obtain the degree of Bachelor of Journalism, the student must fulfill the following conditions:

1. He must be regularly admitted to the school.
2. He must complete a major of at least 33 hours in journalism, including 6 hours of history and principles of journalism, 3 hours of the news, 6 hours of reporting, 6 hours of copy reading, and 3 hours of principles of advertising.

These requirements may be in part waived on condition that the work presented by the student at admission shows, in the opinion of the Dean, sufficient acquaintance with a given subject.

3. He must complete a total of 60 hours.

To obtain the degree of Bachelor of Journalism with the notation "(in Agricultural Journalism)" upon his diploma, the student must fulfill the following conditions:

1. He must be regularly admitted to the school.
2. He must complete a major of at least 33 hours in journalism, including 6 hours of history and principles of journalism, 3 hours of the news, 6 hours of reporting, 6 hours of copy reading, 3 hours of principles of adver-



tising, 3 hours of agricultural advertising, and 3 hours of the agricultural press.

These requirements may be in part waived on condition that the work presented by the student at admission shows, in the opinion of the Dean, sufficient acquaintance with a given subject.

3. He must complete 27 hours of technical courses in agriculture.

4. He must complete a total of 60 hours.

All regular students must pass, near the close of the second term in journalism, a test of their proficiency in English. Those who fail will be given a further test the following year. No student will be recommended for any degree until his English is satisfactory.

**Elective Work:** All elections must be made in accordance with the advice and approval of the Dean. A list of courses especially desirable for journalism students will be found in the special yearly announcement of the School of Journalism, and, as far as possible, students should elect from this list. No student may take more than 16 hours nor less than 12 hours a week, except that the Dean may reduce the minimum in special cases.

**Special Students:** All students who are candidates for a degree are regular students. In addition, persons of proper qualifications may be admitted to take work in the school without reference to the degree. Such students are subject to the general rules of the University regarding special students. See page 59.

**Scholarships and Prizes:** Five scholarships, known as the John W. Jewell scholarships, are offered each year. The Eugene Field scholarship is awarded annually. The Jay L. Torrey scholarship is awarded annually to a woman student in the school. The Weekly Review of the Far East Prizes and the Missouri Society of Japan Prize are given annually for the best editorials on assigned subjects. For details, see page 60.

**Fees:** For fees see pages 40 to 48.

---

A special bulletin, issued each year, contains a detailed announcement of all courses, entrance requirements, rules and regulations of the School of Journalism, and should be consulted by persons desiring full information concerning the school. For this bulletin, address

THE REGISTRAR,

UNIVERSITY OF MISSOURI,

COLUMBIA, MISSOURI.

---

For further information regarding the School of Journalism, address

WALTER WILLIAMS,

DEAN, FACULTY OF JOURNALISM,

UNIVERSITY OF MISSOURI,

COLUMBIA, MISSOURI.

## SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION

---

In January, 1914, the Board of Curators of the University of Missouri established the School of Commerce as a division of the University. Three years later the scope of the school was enlarged and its title was changed to that of Business and Public Administration.

It is the aim of this school to equip students with a thoro knowledge of the general principles of business and public administration and to furnish them with training for the special fields of commerce, commercial education, and social and public service.

The School of Business and Public Administration is a professional school with general ideals and standards similar to those of the schools of Medicine, Education, and Journalism. In common with these schools, it requires for admission two years of college work. It is expected that before entering the school students will prepare in general economics and American government in addition to other fundamental studies in the College of Arts and Science.

Upon entering the school, the student has his choice among the following six curricula, each embracing four terms of work:

- I. Banking, Finance, and Accounting.
- II. Manufacture, Trade, and Transportation.
- III. Commercial Education.
- IV. Public Service.
- V. General Social Service.
- VI. Rural Social Service.

In each of these curricula emphasis is placed upon the importance of fundamental subjects as essential preparation for professional work. The special requirements of these curricula are indicated below.

The School of Business and Public Administration has been furnished adequate quarters in the Commerce Building on the West Campus of the University. Complete laboratory equipment is provided for the classes in elementary and advanced accounting.

A municipal reference library, maintained as a part of the Extension Division of this University, affords an opportunity for bringing students into contact with problems in public administration.

The Missouri School of Social Economy, St. Louis, a training school for social workers, is organized and conducted as an extension project under the Extension Division of the University of Missouri. Candidates for graduation in the curriculum in general social service are required to take one term's work in the Missouri School of Social Economy.

Students in the curriculum in rural social service secure field work in community organization in close proximity to the University.

The University High School, maintained by the School of Education of this University, affords an opportunity for practice teaching in commercial subjects to students in the curriculum in commercial education.

## REQUIREMENTS FOR ADMISSION

The requirements for admission to the School of Business and Public Administration as a regular student are the satisfactory completion of (1) a four years' high school course, or its equivalent, and (2) the first four terms' work, or 60 hours' credit, in the College of Arts and Science of the University of Missouri, or its equivalent. Before entering this school students should complete the equivalent of the following courses in the College of Arts and Science: General economics 1f or w, and either citizenship 1f and 2w, or American federal government 3f. Those who intend to take curriculum I should complete, in addition to the above courses, the course in general mathematics 1f or w. The same is true of the course in general sociology for those who intend to take curricula V or VI.

All students who are candidates for a degree must be admitted as regular students. In addition, persons more than 21 years old, with proper qualifications, may be admitted as special students and permitted to take certain subjects without meeting the regular requirements for admission. For the general regulations applying to special students, see page 37.

Full information relating to admission will be found on pages 21. All communications regarding entrance should be addressed to the Registrar, University of Missouri, Columbia.

## REQUIREMENTS FOR GRADUATION

In order to receive a degree the student must have completed the 60 hours of college credit required for admission and 60 hours of credit for work included in one of the curricula in the School of Business and Public Administration. He must also have completed a total of 60 points. Each hour of credit in this school is valued in points as follows: E, 3 points; S, 2 points; M, 1 point. "Passed" grades and "Advanced Standing" are treated as of M grade. No points are given for I and F grades.

The degree of Bachelor of Science in Business Administration will be conferred upon those students who complete either of the curricula in banking, finance, and accounting; manufacture, trade, and transportation; or commercial education.

The degree of Bachelor of Science in Public Administration will be conferred upon those students who complete either of the curricula in public service, general social service, or rural social service.

## CURRICULA

Six curricula are offered for the purpose of guiding students in their preparation for special fields of administration. In order to meet the needs and purposes of a particular student, modifications of any of the curricula may be made with the consent of the Dean.

It is assumed that students who enter any of the curricula have completed college courses in general economics and American federal government. Those who have not done this will be required to take these courses as part of the 60 hours required for the degree. The same is true of the course in general mathematics for curriculum I and the course in general sociology for curricula V and VI.



## I. CURRICULUM IN BANKING, FINANCE, AND ACCOUNTING

General Subject	No. of Course	Special Title	Credit Hours
Economics and commerce....	17f or w	Elementary accounting.....	3
Economics and commerce....	105f or w	Money, credit, and banking.....	5
Economics and commerce....	115w	Public revenues.....	3
Economics and commerce....	117f or w	Advanced accounting.....	4
Economics and commerce....	118f	Corporation finance.....	3
Economics and commerce....	119f	Trusts and combinations.....	2
Economics and commerce....	121f	Accounting and business policy....	2
Economics and commerce....	122w	Investments.....	2
Economics and commerce....	124w	Foreign exchange and trade.....	2
Economics and commerce....	132w	Bank management.....	2
Economics and commerce....	134w	Public accounting and auditing....	2
Economics and commerce....	150w	Business law.....	3
Political science.....	4w	American state government.....	3
Mathematics.....	155f	Mathematics of business.....	3
Geography.....	115f or w	Commercial and industrial geogra- phy.....	3
Geography.....	116f or w	Geography of trade.....	3
		Elective.....	15
Total.....			60

## II. CURRICULUM IN MANUFACTURE, TRADE, AND TRANSPORTATION

Economics and commerce....	17f or w	Elementary accounting.....	3
Economics and commerce....	105f or w	Money, credit, and banking.....	5
Economics and commerce....	106f	Transportation and public utilities.	3
Economics and commerce....	110f	Labor problems.....	5
Economics and commerce....	117f or w	Advanced accounting.....	4
Economics and commerce....	118f	Corporation finance.....	3
Economics and commerce....	119f	Trusts and combinations.....	2
Economics and commerce....	121f	Accounting and business policy....	2
Economics and commerce....	128f	Statistics and business management	2
Economics and commerce....	137f	Factory management and employ- ment problems.....	3
Economics and commerce....	138w	Mercantile organizations and credits	3
Economics and commerce....	140w	History of commerce.....	2
Economics and commerce....	150w	Business law.....	3
Political science.....	4w	American state government.....	3
Geography.....	115f or w	Commercial and industrial geogra- phy.....	3
Geography.....	116f or w	Geography of trade.....	3
Journalism.....	115f or w	Principles of advertising.....	3
		Elective.....	8
Total.....			60

## III. CURRICULUM IN COMMERCIAL EDUCATION

General Subject	No. of Course	Special Title	Credit Hours
Economics and commerce....	17f or w	Elementary accounting.....	3
Economics and commerce....	105f or w	Money, credit, and banking.....	5
Economics and commerce....	117f or w	Advanced accounting.....	4
Economics and commerce....	118f	Corporation finance.....	3
Economics and commerce....	132w	Bank management.....	2
Economics and commerce....	140w	History of commerce.....	2
Economics and commerce....	150w	Business law.....	3
Political science.....	4w	American state government.....	3
Geography.....	115f or w	Commercial and industrial geography.....	3
Geography.....	116f or w	Geography of trade.....	3
Mathematics.....	155f	Mathematics of business.....	3
Education.....	A102f or w	Educational psychology.....	3
Education.....	D111f or w	Theory of teaching.....	3
Education.....	D155f or 156w	Practice teaching in commercial subjects.....	5
Journalism.....	115f or w	Principles of advertising.....	3
History.....	180w	American industrial history.....	3
		Elective.....	9
Total.....			60

## IV. CURRICULUM IN PUBLIC SERVICE

Political science.....	106f	Municipal government.....	2
Political science.....	108f	State administration.....	3
Political science.....	112sp	Federal administration.....	2
Political science.....	120w	Municipal problems.....	3
Political science.....	201w	Administrative law.....	3
Political science.....	204f, 205w	Constitutional law of the United States.....	5
Economics and commerce....	17f or w	Elementary accounting.....	3
Economics and commerce....	106f	Transportation and public utilities.....	2
Economics and commerce....	115w	Public revenues.....	3
Economics and commerce....	117f or w	Advanced accounting.....	4
Economics and commerce....	119f	Trusts and combinations.....	2
Economics and commerce....	134w	Public accounting and auditing.....	2
Sociology.....	1f or w	General sociology.....	5
Sociology.....	115f or 116f	Rural or urban sociology.....	3
Law.....	130sp	Public service companies.....	2
Law.....	158w	Municipal corporations.....	3
		Elective.....	15
Total.....			60

## V. CURRICULUM IN GENERAL SOCIAL SERVICE

General Subject	No. of Course	Special Title	Credit Hours
Sociology.....	110f or w	Social pathology.....	3
Sociology.....	111w	Criminology.....	3
Sociology.....	112f	Child welfare.....	3
Sociology.....	116f	Urban sociology.....	2
Sociology.....	119w	Methods of social work.....	2
Sociology.....	231w	History of social work.....	2
Preventive medicine.....	1f or w	Preventive medicine.....	2
Political science.....	4w	American state government.....	3
Political science.....	106f	Municipal government.....	2
Economics and commerce.....	110f	Labor problems.....	5
Education.....	A102f or w	Educational psychology.....	3
Education.....	A155w	Psychological tests.....	3
Education.....	A160f	Abnormal and defective children...	1
Zoology.....	104f	Genetics and evolution.....	2
One term's work from the Missouri School of Social Economy, with approval of chairman of department of sociology and the dean.....			15
Elective.....			9
Total.....			60

## VI. CURRICULUM IN RURAL SOCIAL SERVICE

Sociology.....	110f	Social pathology.....	3
Sociology.....	111w	Criminology.....	3
Sociology.....	112f	Child welfare.....	3
Sociology.....	115f	Rural sociology.....	3
Sociology.....	117f	Rural community organization...	2
Sociology.....	119w	Methods of social work.....	2
Sociology.....	231w	History of social work.....	2
Sociology.....	239f or w	Field work.....	10
Rural life.....	3f or w	Application of principles of rural economics.....	2
Preventive medicine.....	1f or w	Preventive medicine.....	2
Education.....	A102f or w	Educational psychology.....	3
Education.....	A155w	Psychological tests.....	3
Education.....	A160f	Abnormal and defective children...	1
Political science.....	4w	American state government.....	3
Zoology.....	104f	Genetics and evolution.....	2
Elective.....			16
Total.....			60

**Elective Courses:** The elective part of the curricula may be taken in any division of the University. It is expected that the subjects elected will be related to the curriculum of the student and will tend to make him more efficient in his special field. All elections must be made with the advice and approval of the Dean. No student may take more than 16 hours a week for credit.

**Fees:** For information regarding fees, see pages 40 to 48.

For an explanation of the numbering of courses, credit, etc., see Sec. III.



Courses of interest to students in the School of Business and Public Administration are offered in the College of Arts and Science, School of Engineering, and other divisions of this University.

---

A special bulletin of the School of Business and Public Administration is issued each year. This contains a detailed announcement of all courses, entrance requirements, rules and regulations of the School of Business and Public Administration, and should be consulted by persons desiring full information concerning the school. For this bulletin, address

THE REGISTRAR,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

---

For further information regarding the School of Business and Public Administration, address

ISIDOR LOEB, DEAN,  
FACULTY OF BUSINESS AND PUBLIC  
ADMINISTRATION,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

## GRADUATE SCHOOL

---

The University of Missouri offers graduate instruction in classical languages and archaeology, modern languages, philosophy and experimental psychology, education, social sciences, journalism, mathematical and physical sciences, biological sciences, art, home economics, agriculture, and engineering. The Faculty of the Graduate School has charge of all graduate work in the University.

### ADMISSION

Graduates of reputable colleges and universities are admitted to the Graduate School. Admission to this school, however, shall not be understood as implying admission to candidacy for advanced degrees, which is subject to the regulations indicated below. Students are admitted to the Graduate School by the Registrar of the University, to whom application for admission should be sent in advance of the opening of the term.

### GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

For statements regarding scholarships and fellowships offered to graduate students, see page 52.

### DEGREE OF MASTER OF ARTS

The degree of Master of Arts is offered to students who have spent at least two terms exclusively devoted to advanced courses of study and who have submitted an acceptable dissertation and passed all prescribed examinations.

A student wishing to make application for this degree must fill out a blank form provided for the purpose and must present it to the Dean of the Graduate Faculty within one month after his registration.

In order to be accepted as a candidate for the degree, the student must give evidence that he has completed an undergraduate course of study such as is offered by colleges of good standing and that he has received a baccalaureate degree equivalent to the baccalaureate degree of the University of Missouri.

In making application, the student must indicate the subject of the dissertation and the courses of study selected by him on the form referred to above, which must bear the signature of approval of the professor in charge of his major subject before it is presented to the Dean for final action. He may, however, defer submitting the subject of the dissertation to the Dean for not more than two weeks after filing his application.

The candidate must choose a major subject, to which he must devote the greater part of his time, and also such other subjects as may be approved. A majority of all work represented in the course of study must be selected from the courses strictly graduate in character.

A dissertation evincing capacity for original research and independent thought in the subject of the major work must be submitted to the Graduate

Faculty for approval on or before April 1. The student should consult the Dean of the Graduate Faculty for information regarding the form in which the dissertation must be presented.

Each candidate for the degree of Master of Arts shall be required to pass final examinations, but the Graduate Faculty, upon the recommendation of the faculty of the department in which the candidate is taking his major work, may excuse the candidate from the requirement of a dissertation.

The attention of students is called to the fact that graduate work can not be subjected to rigid regulation and that the graduate committee reserves the right to deal with each case on its individual merits.

With the approval of the professors concerned, such candidates as have fulfilled all requirements may, at the close of the second term, be recommended by the Graduate Faculty for the degree of Master of Arts.

## DEGREE OF DOCTOR OF PHILOSOPHY

### General Statement:

The degree of Doctor of Philosophy is offered to students who have pursued advanced courses of study, without serious interruption, for a period of at least six terms, and who have submitted an acceptable dissertation and passed all prescribed examinations.

In order to be accepted as a candidate for the degree of Doctor of Philosophy, the student must give evidence that he has completed an undergraduate course of study such as is offered by colleges of good standing and that he has received a baccalaureate degree equivalent to the baccalaureate degree of the University of Missouri.

The committee reserves the right to decide in each case whether the antecedent training has been satisfactory, and, if any of the years of advanced work have been passed away from this University, whether they may be properly regarded as spent in university studies under suitable guidance and favorable conditions. Private study or study pursued at a distance from libraries and laboratories will not be considered as equivalent to university work. In any case, the student must spend the two terms immediately preceding his final examinations in residence at the University of Missouri.

It should be emphasized that the requirements for this degree are not computed in terms of time and courses, but that the degree is conferred only upon such students as have reached, after long study, a high attainment in some special branch of learning and have given the clearest evidence of their ability to carry on independent, original research by reason of having made an actual contribution to knowledge of a character approved by competent judges.

### Acceptance of Candidates:

A student wishing to make application for the degree of Doctor of Philosophy must fill out a blank form provided for the purpose, get thereto the signature of the instructor with whom he desires to take his major subject, and present it to the Dean of the Graduate Faculty for approval within one month after his registration. He must also give satisfactory evidence of ability to translate French and German readily at sight before entering upon the last year of residence as a candidate for the degree.

### Requirements for the Degree:

(a) *Subjects of Study.* Every candidate for the degree must select



one principal or major subject and at least one and not more than two subordinate or minor subjects, the combination to be approved by the Graduate Committee. The instructor with whom the student is taking his major subject acts as his official adviser and has the general direction of his work.

The student's principal work must be in the major subject. Altho no regulations are laid down with respect to the time to be devoted to the major and minor subjects, in general it may be stated that the major subject should represent two-thirds of the student's entire time.

(b) *Dissertation.* The dissertation, embodying the results of original investigation, must be written upon a subject approved by the adviser and must be submitted to the committee in typewritten form on or before April 1, when it becomes the property of the University. A brief biographical sketch of the writer must be appended to the dissertation. The student should consult the Dean of the Graduate Faculty for information regarding the form in which the dissertation must be presented.

Before his degree is conferred, the candidate is required to deposit one hundred and fifty printed copies of his dissertation in the University Library. Or, in case the dissertation has not been printed before the conferring of the degree, the candidate may (1) deposit with the Dean a statement from a responsible publishing agency certifying to the fact that a contract has been entered into for the printing of the dissertation, and that the required number of copies will be furnished within a reasonable time; or (2) the candidate may deposit with the Secretary of the University a financial guarantee sufficient to print the required number of copies for the University.

(c) *Examinations.* A committee, consisting of the professor of the candidate's major subject and the professors of his minor subjects, is appointed to take charge of all examinations and to report upon the same to the Graduate Faculty in writing.

In addition to final written examinations, the candidate may be required to take an oral examination in the presence of the faculty.

(d) *Conferring the Degree.* Upon the satisfactory completion of all requirements, the candidate may be recommended by the Graduate Faculty for the degree of Doctor of Philosophy.

---

The courses of study open to graduate students may be found in Section III of this catalog.

A special bulletin of the Graduate School is issued each year. This contains a detailed announcement of all courses, entrance requirements, rules and regulations of the Graduate School, and should be consulted by persons desiring full information concerning this school. For this bulletin, address

REGISTRAR OF THE UNIVERSITY,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

---

For further information concerning the work of the Graduate School, address

DEAN OF THE GRADUATE FACULTY,  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

## EXTENSION DIVISION

---

The University of Missouri wishes to bring a complete practical education within the reach of every citizen of the state. To assist in accomplishing this purpose, the Extension Division has been established. By means of correspondence courses and extension lectures, a thoro course of training at the lowest possible cost is offered to all who have been unable to attend established institutions. Thru a wider use of the University library, and thru the establishment of information bureaus, practical information upon a wide range of subjects will be furnished free to all who desire it.

The University means to go even farther than this in its efforts to be of service to the public. It means to bring itself constantly into closer touch with the daily life of the people, and to assist in forwarding every movement which will advance the interests of the state.

The Extension Division of the University was formally established by the Board of Curators in January, 1910, tho extension lectures and extension teaching had been carried on for many years. It is the aim of the curators to unify and co-ordinate the several phases of extension work already being done by the University and to increase, as rapidly as possible, the amount and variety of such work. With this in view a director of the Extension Division has been appointed. The extension work is being administered by the following committee:

President J. C. Jones, chairman; Dean J. H. Coursault, Dean F. M. Tisdell, Professor R. W. Selvidge, and Professor Charles H. Williams, Director.

To assist in realizing its purpose, the Extension Division offers for the year 1922-23 courses of two classes: courses by correspondence, and lecture courses in extension centers.

### COURSES BY CORRESPONDENCE

By means of the mail the college is taken to the student. Teaching by correspondence has been proved successful after thoro trial and has many advantages of its own, among them thoroness of instruction.

**Procedure:** Any person desiring to take courses by correspondence should write for application blanks and for a copy of the last announcement of the Extension Division, then select such course or courses from the announcement as seem desirable, fill out the blank with all the information called for, and return it. When the application has been approved, the applicant will be notified to remit the fee. Upon receipt of the fee, lessons with instructions for study and directions for returning prepared lessons and reports will be forwarded. The student is permitted to pursue his studies as rapidly as is consistent with good work, tho ordinarily a 5 hour course, consisting of about forty assignments, can be done by the average student in forty weeks, with a minimum time for study of one hour a day for six days a week.

**Courses Offered:** Courses are offered in the following subjects: Agriculture, astronomy, chemistry, classical archaeology, economics, educa-

tion, English, French, German, Greek, history, home economics, Latin, mathematics, engineering drawing, physics, physiology, political science, preventive medicine, sociology, Spanish, zoology.

The courses in agriculture meet the needs of persons desiring to teach agriculture or to pass state examinations in that subject.

**Cost of Courses:** The enrollment fees are as follows:

1 hour course ( 8 assignments).....	\$4.00
2 hour course (16 assignments).....	8.00
3 hour course (24 assignments).....	12.00
4 hour course (32 assignments).....	16.00
5 hour course (40 assignments).....	20.00
6 hour course (48 assignments).....	24.00

The instructor in any particular course may require assignments to be rewritten, or may vary the total number of assignments in case it is found necessary to do so.

The fees barely cover the actual expense of conducting the courses. They do not include textbooks, tho by proper arrangements students may borrow from the University library books other than texts when they are not in use.

Students are expected to pay full postage both ways on manuscripts sent to the University.

The cost of taking work in the regular session, including room and board, is about \$20 a credit hour, counting \$300 a term as average expenses of a student. The cost of taking a course by correspondence (exclusive of postage) is \$4.00 a credit hour, which represents only about one-fifth the total cost of courses to students in attendance at the University. Correspondence work affords an excellent opportunity for those students who wish to do part of their college course at a minimum expense while engaged in other work.

## LECTURE COURSES IN EXTENSION CENTERS

Work was offered by the lecture method to extension centers during 1921-22 in the following subjects: Education, English, history, and sociology.

**How Extension Centers are Formed:** Interested people in any community should write to the Extension Division, University of Missouri, Columbia, Missouri, stating that they are prepared to pay the traveling expenses of an instructor of the University. They should specify what course or courses they prefer to have given, and their second choice in case their first choice cannot be met.

**How University Credit is Obtained at Extension Centers:** Students enrolled in extension centers who desire University credit for a course must, in addition to attending lectures given by the instructor, write papers in each course and take a final examination. Any student desiring University credit for courses must pay a fee of \$5 for each course, to cover the cost of examination and correction of the prescribed papers.

**Extension Lectures:** A number of the members of the faculty are prepared to give lectures upon special subjects for the regular extension centers.



## MATERIAL FOR EXTENSION USE

**Loan of Books:** There are three ways for students taking extension courses to obtain the books, other than required texts, necessary for their work—by purchase, by borrowing from the University Library, and by obtaining the loan of a traveling library from the Missouri Library Commission. If a student lives in a community where there is a public library, he may arrange with the librarian to borrow what books he needs.

The University Library lends books to individuals taking extension courses, provided the books are not in demand in the library at the time, and provided the borrower pays the cost of transportation both ways. Books of fiction, indices, and reference books are not for circulation outside of the library.

**Packages of Debating Material:** The Extension Division of the University, thru special arrangements with the University Library, is ready to furnish to Missouri high schools packages of debating material, free of charge, except for cost of transportation. Material is included upon both the affirmative and negative sides of the questions concerned. Packages are sent to schools in the order of application and may be kept a maximum time of six weeks, except by special arrangement. Packages are not sent to any one school upon more than two subjects at one time, nor upon more than one subject at a time unless the supply exceeds the demands of the schools. Whenever the material is not in use in high schools, it is available for clubs or community centers, upon guarantee that it will be properly cared for and returned.

At the meeting of Missouri high schools at the University in May, 1914, arrangements were made for the organization of a Missouri High School Debating League. Any high school of Missouri which is on the accredited list of the University of Missouri may become a member of this league by paying the annual dues, which are \$3. Debating contests are held between the various schools composing the league, and a final contest determining the winning team for the state is held at the University on High School Day. A scholarship of the value of \$125, is given to the best individual debater. This scholarship is not transferable. The subject for debate by the league during 1921-22 was: *Resolved, That the Principle of the Closed Shop should Prevail in American Industry.*

For the year 1922-23 debating packages are available upon the following subjects:

<i>Open and Closed Shop</i> .....	60 packages
<i>Government Ownership of the Merchant Marine</i> .....	30 packages
<i>National Labor Party</i> .....	30 packages
<i>Compulsory Arbitration</i> .....	29 packages
<i>Government Ownership of Railroads</i> .....	29 packages
<i>Independence of the Philippines</i> .....	24 packages
<i>Minimum Wage System</i> .....	9 packages
<i>Illiteracy Test for Immigration</i> .....	2 packages
<i>Compulsory Old Age Insurance</i> .....	3 packages

**Visual Education Service:** Numerous collections of lantern slides, consisting of packages containing from twenty to one hundred and sixty slides each, upon subjects suitable for use in high schools, can be furnished to superintendents or principals free, except for transportation. It is necessary for schools making use of these collections to possess a lantern. Arrangements have recently been made in accordance with which we are

able to furnish sets of films upon about three hundred subjects free of cost, except for a small inspection fee and transportation, to schools desiring them. A rental fee is charged for a few special films. This visual education service is directed jointly by Professor C. H. Williams and Associate Professor J. V. Ankeney.

**Bulletins of Information:** Special investigations are constantly being made by the University upon questions both of general and of special interest. Many of these are very practical in character, for example, those relating to education, agriculture, home economics, good roads, and preventive medicine. Several special bulletins have been issued by the Extension Division of the University. Three bulletins of special interest deal with good roads and are entitled *Road Drainage, Culverts, and Better Highways*. One, *The Preservation of Food in the Home*, is intended especially for women interested in canning and preserving. *Technical Manual Arts for General Educational Purposes* and *Handwork in Grades One to Six* are of particular interest to the teacher of manual arts. Other available bulletins are: *The House Fly*, *School Improvement Agencies*, *Care of Free Text-Books*, and *A Manual for the Mental and Physical Examination of School Children*. Copies of bulletins are furnished free to persons applying for them.

**Municipal Reference Bureau:** During the year 1915-16 the University established a Municipal Reference Bureau, which will furnish information free of charge to cities and towns of Missouri on questions relating to civic affairs. This is in charge of Mr. Robert L. Howard, who has had special training in this field of work. The information to be furnished covers such topics as lighting, paving, equipping waterworks, installing sewers, and providing public buildings. A collection of bulletins and newspaper clippings will be made upon all these topics for loans to interested communities. The information supplied is strictly non-partisan in character. All inquiries from citizens or public authorities of towns and cities in Missouri will receive prompt attention.

Send all inquiries concerning civic affairs or municipal administration to MUNICIPAL REFERENCE BUREAU, UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI.

## THE SCHOOL OF SOCIAL ECONOMY IN ST. LOUIS

The Missouri School of Social Economy, located in St. Louis, is conducted by the University of Missouri and is under the general direction of the division of University Extension. The school aims to train men and women for the profession of social work in urban communities, and the courses offered and field work given are both planned to meet this particular need. Specialized training is provided in three general fields of social service:

- (1) Training in the methods of case work, which involves problems of the moral or economic upbuilding of individuals or families.

- (2) Training in the work of handling groups, which is necessary in settlements, reformatories, institutions and elsewhere.

- (3) Training in research, skill in which involves practice in investigation, the testing of principles of research, the organization of material, and the presentation of results.

Students whose training covers these three fields have acquired the fundamentals necessary to fit them for social service work.

Among the opportunities open to the trained social worker are positions in such fields as the following: Charity organization and relief societies; child placing; medical social service; Red Cross home service; legal aid; anti-tuberculosis; juvenile and adult probation; attendance and truant office; charities endorsement; financial and publicity secretary in philanthropic agencies; settlement and social center; institutional church; welfare work in factories; federal and state bureaus of welfare or research; management of institutions.

Credit for most of the courses is given at the University and a sufficient amount of graduate work is offered to enable eligible candidates to obtain a Master's degree.

The work is under the direct charge of Dr. George B. Mangold. Professors in related fields of work at the University of Missouri give extension aid through series of lectures which they offer to the students of the School of Social Economy.

The training for rural social service is provided for at Columbia.

### GENERAL INFORMATION

For admission to courses for University credit a student must meet the regular University entrance requirements or be 21 years old and qualified for the work desired. The ability of the student to enter upon the work of any individual course is passed upon by the instructor in charge of the course.

Students less than 21 years old who are not graduates of a four-year high school, fully accredited by the University of Missouri at the time of their graduation, should communicate with the Registrar of the University, Columbia, Missouri, concerning their admission to the University before making application for correspondence courses.

Correspondence work is as thoro as that done in actual attendance.

Courses may be begun at any time (including vacation).

No preliminary examination is required.

Students are not allowed, except by special permission, and then only when they are carrying less than the maximum amount of work, either to begin or to continue correspondence courses while taking work in residence at the University of Missouri or at any other school.

The time required for preparation of lessons is usually from one and a half to two hours daily, depending upon the ability of the student.

Correspondence and extension courses may be arranged to satisfy certain entrance requirements. Persons desiring high school courses should write for the High School Bulletin.

In no case shall extramural work be counted in lieu of the requirement of two terms' resident work. In all cases where correspondence courses are to count for credit in the senior year, students must secure the approval of the dean.

Two terms in residence are required for the A. M. degree. Work done by correspondence will not count toward this residence requirement.

The maximum work by correspondence and in extension centers is limited to ten normal credit hours for one calendar year.

The time allowed for completion of a correspondence course is one year from the date of enrollment, except by special permission. During an instructor's vacation, a substitute is provided to carry on his course whenever possible.



No fees paid for correspondence courses will be refunded.

If information on courses not here announced is desired, write the Director of University Extension. In case high school subjects are desired, ask for the High School Bulletin. Every effort will be made to assist you. The constant aim of the University is to come into vital touch with the people of the state.

#### PAYMENT OF FEES

All remittances should be made payable to the University of Missouri and mailed to Charles H. Williams, Director of University Extension. No one is expected to send any fees until notified that his application has been approved.

---

For information regarding correspondence courses or the organization of extension centers, write to

CHARLES H. WILLIAMS,  
DIRECTOR OF UNIVERSITY EXTENSION.  
UNIVERSITY OF MISSOURI,  
COLUMBIA, MISSOURI.

# THE MISSOURI STATE MILITARY SCHOOL

## RESERVE OFFICERS' TRAINING CORPS

Based on the fundamental principle that every able-bodied male citizen owes military service to his country in periods of emergency, this school was organized with the object of fitting its graduates to take an active and intelligent part in the service of their country if called upon to do so. To this end the study of strategy and tactics as applied to the several arms of the service is combined with the effort to build up a physique capable of standing the hardships of an active campaign, and of graduating officers into the Reserve Corps who may be relied upon to instruct and command raw levies in case of need, thus preventing a recurrence of the lack of trained leaders should the need for them arise.

As a result of experience gained during the World War, the necessity has become apparent for a modification in the teaching of military science and tactics in the universities of the country. The scope of theoretical instruction as given in past years was restricted by the fact that there was usually only one army officer detailed at the University. The amount of personal supervision which could be given 1,200 cadets under such a condition was, of course, limited. The number of officers assigned for duty at the University of Missouri has been greatly increased, and the scope of the work has been enlarged. There are already established an infantry and an artillery unit with a total of eleven regular officers on duty as instructors.

With the object of attaining the best possible results in theoretical instruction in the military art, the courses given at the University of Missouri are organized on the same basis as the ordinary academic subjects. Instead of concentrating the work into three one-hour periods each week, the periods are distributed thruout the day during the entire week, thus enabling each officer to instruct several classes of from twenty to forty men. The department appreciates the value of military training in the activities of civil pursuits. A thoro understanding of the military policy and history of our country is an asset which no man can afford to overlook if he proposes to assume the obligations of a citizen. While discipline is an absolute necessity in the management of troops in camp and on the field of battle, it is just as great an asset in the pursuit of health and happiness; it is also a foundation for right thinking, clean-mindedness, aggressive action, and quick decision. When a man is "fit to fight" he is all the more fit to conduct his business successfully in civil life.

Another important improvement has been brought about by combining and co-ordinating the work in military science with that in physical education. During the war the experience obtained with millions of men in the camps has demonstrated beyond a doubt the immense benefit derived by the men from physical training and mass athletics as carried on in the army. Under the arrangements effective at the University of Missouri the closest co-operation obtains between the two departments mentioned so that the military field work of the students and their physical training is mutually supplemental and results in maximum benefit from the point of view of set-up and physique.

It is the intention of the War Department to depend largely on R. O. T. C. camps for practical military training. These camps are held during the summer and are almost entirely taken up with practical application of the theoretical knowledge obtained during the college year.

**Arrangement of Work:** Theoretical work is carried on during the entire fall and winter terms. This consists, for basic course students, of classroom instruction of two hours per week, and for advanced course students, of three hours per week.

Practical work out of doors is carried on from September 1st to November 30th, and from March 1st to the end of the winter term. During these periods practical instruction of four hours per week is given. At present this work is done from 4 to 5 p. m. on Mondays, Tuesdays, Wednesdays and Thursdays.

During the period of December 1st to March 1st freshmen and sophomores, subject to the military requirement, are placed under the Department of Physical Education and are required to take two hours per week of some form of athletics, as basketball, wrestling, boxing, handball, etc. A fee of \$1.50 per student is required for this part of the course.

**Required Military Training:** All physically fit male students are required to take the basic course during four terms of the freshman and sophomore years. This course is a prerequisite for graduation, and no student will be excused except for reasons of great weight presented to and approved by a committee of the faculty appointed by the Executive Board of the University.

For the combined courses in military science and tactics and physical education, freshmen and sophomores receive two credit hours each term, or a total of eight credit hours for the required course.

Juniors and seniors receive two credit hours for each term of the advanced course successfully completed, where it is an authorized elective and the consent of the dean of the college or school in which the student is registered is obtained. Students taking this course receive from the War Department commutation of subsistence at the rate of 40 cents a day. This includes the summer vacation, or 365 days less the six weeks spent in camp where the government provides subsistence and in addition pays each man \$1.00 per day during the period.

**Summer Camp:** During the summer, camps are held in the several corps areas for R. O. T. C. students. The purpose of these camps is to give practical application of the theoretical work of the classroom.

These camps usually start about June 15th and continue for six weeks. While they are established primarily for advanced course students, a limited number of basic course students may be selected to attend. For Infantry, these camps are held at Fort Snelling, Minn., and for Artillery, at Camp Knox, Kentucky. Five cents a mile to and from camp is paid each student to cover railroad fare. All outer clothing, quarters, bed and bed clothing, medical attention and food are furnished free. A special ration is authorized for these camps.

Advanced course students receive, in addition to the above, pay at the rate of \$1.00 per day.

It is the present policy of the War Department to send advanced course men to camp after they have completed the first year of the advanced course.

Students of the basic course may be authorized to attend one of the



various Citizens' Military Training Camps, which are usually held during August.

**Uniforms:** According to present regulations, the government allows commutation for uniforms at the rate of \$30 per man for the first year and \$6 per man for the second year. The University is not responsible for changes of the policy of the War Department, and if that department changes the above plan, it will become necessary for the University to modify its plan to comply with the conditions outlined by the government. A gray uniform of excellent material, cut with a roll collar and bellows pockets, breeches, spiral puttees and cap, has been adopted by the University authorities. These uniforms are made to measure and present a splendid appearance. A deposit of \$15 is required on each uniform issued, of which \$3 is retained. The cost of the uniform is about \$50.

In case a uniform becomes so worn or soiled as to be unfit for wear, the student may be held responsible to the extent (determined upon by proper authority) of the cost of the uniform.

The uniform may be worn at all times, providing the *whole uniform* is worn. This amounts to a saving to the student of considerably more than the deposit.

All cadets are required to attend formations for practical instruction in uniform. They are required to observe military courtesy and discipline while in uniform.

**Organizations:** The Cadet Corps consists of a provisional regiment of Infantry and one battalion of Field Artillery.

**Equipment of Infantry:** The following infantry equipment is used for instructional purposes: The Springfield rifle, model 1903, caliber .30; the regulation pack, including mess equipment and shelter tents; a supply of gallery rifles and ammunition, also service ammunition and target material for practice on the range, as well as four heavy Browning machine guns, six Browning automatic rifles, a one-pounder and two trench mortars. A quantity of sketching boards and topographical instruments are available for practical work, also a supply of Gettysburg maps for map maneuvers and the B. H. relief maps for indoor war games and tactical exercises.

#### **Equipment for Field Artillery:**

**Gun Equipment:** One complete 3-inch battery American materiel less 6th, 7th and 8th Sections. One gun, with accessories and caisson, for the following types: 155mm field gun G. P. F.; 155mm howitzer; 75mm field gun, American 1916; 75mm British field gun, model 1917; 75mm French field gun, model 1897; 4.7 inch field gun, Browning machine guns and automatic rifles, and Colt's automatic pistols, caliber .45.

**Motor Equipment:** Two 5-ton field artillery tractors (Holt); two 1½-ton cargo trucks (White); two four-wheel-drive ammunition trucks; one artillery repair truck, with complete machine shop; one reconnaissance car, 12-passenger (White); one Dodge touring car, two motoreycles, with side cars (Harley).

**Fire Control Equipment:** Seven battery commanders' telescopes, model 1915; aiming circles; field-glasses, type EE, and other miscellaneous articles.

**Engineer Equipment:** Plane tables and sketching outfit.

**Signal Equipment:** Semaphore flags, telephones, projectors, switchboards and field radio sets for two-way communication. The Field Artillery unit, R. O. T. C., maintains in the headquarters building a complete 1-KW radio station and is in daily communication with other colleges.

**Animals:** Forty-four horses employed in equitation instruction.

## SPRING-SUMMER TERM

---

The spring-summer term of the University of Missouri at Columbia offers exceptional advantages to teachers and others who are unable to attend at other times of the year and to those who desire to hasten their educational program by taking more than two terms' work in a year. The spring-summer term is sixteen weeks in length. In credit afforded and in general educational advantages, the work of this term will be on a par with that of the fall and winter terms. Rural teachers and others whose schools close by the latter part of April may, therefore, under this arrangement, take a whole term's work, or one-half as much as students formerly were able to get in the entire regular session of two semesters.

Courses will be offered in departments which heretofore have not shared in the summer work. A sufficient variety of study will be afforded to meet the needs of all teachers, whether engaged in elementary or secondary instruction. All courses will be credited toward degrees or certificates or both. While many courses of the spring-summer term will be arranged with special reference to the needs of teachers, there will be many more of equal interest and opportunity for persons desiring to extend either their theoretical or practical knowledge along other lines.

To meet the needs of teachers and other students who are unable to enter in the latter part of April, the spring-summer term is divided into two periods of eight weeks each, known as the first half and the second half, the first extending from the latter part of April to about the middle of June, and the second from the latter part of June to about the middle of August. By this arrangement those who enter as late as in June will have as long a period for University study as the old summer session afforded.

The spring-summer term for 1922 will open on April 27 and will close on August 12, the second half beginning on June 19.

The spring-summer term for 1923 will begin on April 26 and close August 11. The second half will begin on June 18.

For the calendar of this term, see the University calendar in this catalog, page 3.

Detailed announcement of the courses and other matters of the spring-summer term are made in a special bulletin issued by the University. Copies of this bulletin may be had free when ready for distribution, and additional information may be obtained at any time by addressing

THE REGISTRAR,

UNIVERSITY OF MISSOURI,

COLUMBIA, MISSOURI

## Section III. Statement of Courses

---

For the convenience of the student in making out his schedule of studies, the subjects in the following statement of courses are arranged alphabetically, as follows:

Agricultural Chemistry, page 151.	Industrial Arts, page 186.
Agricultural Engineering, page 151.	Journalism, page 188.
Anatomy and Histology, page 153.	Latin, page 190.
Animal Husbandry, page 153.	Law, page 191.
Art, Theory and Practice of, page 154.	Mathematics, page 194.
Astronomy, page 156.	Mechanical Engineering, page 195.
Botany, page 156.	Mechanics, page 197.
Chemistry, page 157.	Medical Bacteriology and Preventive Medicine, page 197.
Citizenship, page 159.	Meteorology, page 198.
Civil Engineering, page 159.	Military Science and Tactics, page 198.
Classical Archaeology, page 161.	Music, page 201.
Clinical Medicine and Surgery, page 162.	Pathology, page 202.
Dairy Husbandry, page 162.	Philosophy, page 202.
Economics and Commerce, page 163.	Physical Education, page 203.
Education, page 165.	Physics, page 205.
Electrical Engineering, page 171.	Physiology and Pharmacology, page 206.
Engineering Drawing, page 172.	Political Science and Public Law, page 207.
English, page 173.	Poultry Husbandry, page 208.
Entomology, page 175.	Psychology, page 176.
Field Crops, page 176.	Romance Languages, page 209.
Geology and Geography, page 177.	Rural Life, page 210.
Germanic Languages, page 179.	Sociology, page 212.
Greek, page 180.	Soils, page 214.
History, page 181.	Veterinary Science, page 215.
Home Economics, page 182.	Zoology, page 215.
Horticulture, page 185.	

Courses for underclassmen are distinguished by numbers below 100; courses for upperclassmen and graduates, by numbers 100 to 199; courses primarily for graduates, by numbers 200 to 299. A capital letter preceding the number of a course indicates one of the special classes of courses into which the work of a large department is divided, as in the case of Education A102f and Education C150w.

The letter following the number of the course indicates in which term the course is offered; thus, 100f is offered in the fall term; 100w, the winter term; 100sp, the first part of the spring-summer term; 100sm, the second part of the spring-summer term; 100s, the entire spring-summer term.

The number of hours' credit for each course is given in parentheses at the end of the description of the course, just before the name of the teacher. A separate schedule of courses is issued for each term, giving the hours



and places of meeting, as well as an indication of the divisions in which credit is allowed for the various courses. Students will obtain these schedules when they register.

Students are advised to consult the announcements of the schools and colleges in Section II of this catalog before making out their programs of study. See also *Regulation of Studies*, page 61.

## AGRICULTURAL CHEMISTRY

101f, w, sp, and sm. **Agricultural Analysis.** Prerequisites, chemistry 15 and chemistry 25. Quantitative analysis of feeding stuffs, fertilizers, soils, and dairy products. The analysis of human foods may be substituted for animal foods in the case of those students for which such work would prove more useful. (3) MR. MOULTON; MR. RITCHIE.

110f, w, sp, and sm. **Advanced Agricultural Analysis.** A continuation of course 101. In the laboratory work emphasis is placed along the line of interest to the student. Laboratory work, with a conference period to be arranged. (3) to (5) MR. MOULTON; MR. HAIGH; MR. RITCHIE.

115w. **Dairy Chemistry.** Prerequisite, agricultural chemistry 101 and must be preceded by, or taken at the same time as, dairy husbandry 103. A study of the chemical composition and physical properties of milk and its constituents; the chemical processes involved in the manufacture of butter, cheese, ice cream, and dairy by-products. (3) MR. ———; MR. MOULTON.

200f, 201w, and 202sp or sm. **Seminary.** (1) MR. MOULTON.

204f. **Physiological Chemistry of the Domestic Animal.** Prerequisites, courses 101 and animal husbandry 100. (3) MR. MOULTON.

205w. **Plant Chemistry.** An introduction to the chemistry of plant products, dealing with their isolation, determination, properties and physiological significance. This course is designed for students interested in horticulture, botany, or work of a similar nature. Two laboratory periods, one lecture. (3) MR. HOOKER.

211f, 212w, and 213sp or sm. **Research.** Open to all those who can show special fitness for chemical investigation, and who wish to investigate some special chemical or nutritional problem within the province of the department. MR. MOULTON; MR. HAIGH, MR. HOOKER.

## AGRICULTURAL EDUCATION

See *Methods in Agriculture*, page 168.

## AGRICULTURAL ENGINEERING

1f, w. **Farm Mechanics.** Elementary work in concrete, woodwork and farm shop. Practice in free-hand lettering and sketching. Elementary farm machinery, gas engines and tractors. (3) MR. WOOLEY; MR. JONES.

2f, sm. **Farm Construction Methods.** Testing materials for use in concrete. Practice in building concrete floors, posts, tile, and blocks. Framing, rafter cutting and general construction of buildings. (2) MR. WOOLEY.

3w. **Farm Buildings.** Lettering, principles of drafting, arrangement of buildings on the farmstead. A study of the requirements of buildings and their design to meet these requirements. (3) MR. WOOLEY.

10f, sp. **Farm Shop Practice.** Methods of repairing farm machinery, soldering, babbiting and fitting bearings, drilling and threading, elementary forging, tempering tools, sharpening saws, harness and rope work, belting, and pipefitting. (2) MR. JONES.

11f, w, sp. **Farm Gas Engines.** Prerequisite, A. E. 1. Study of gas engine principles, engine parts, carburetion, cooling, lubrication, and ignition. Practice in overhauling and repairing, adjusting and operating. (2) MR. JONES.

20sm. **Farm Surveying.** Use, care, and adjustment of instruments. Simple surveying equipment that can be used in a high school course in applied arithmetic. (2) MR. WOOLEY.

21f. **Surveying and Drainage.** Use, care, and adjustment of instruments. Running levels for drains, terraces, and ditches. Laying out drainage systems. Effects of drainage. Prevention of erosion. (3) MR. WOOLEY.

30w. **Farm Machinery.** Study of mechanical principles of machinery; different types of horse-drawn and power machines, their care and repair. Practice in adjusting and operating machines. (2) MR. JONES.

40w. **Farmstead Equipment.** Study of heating, lighting, water, and sewage disposal systems for farm houses. (2) MR. WOOLEY.

100f, 101w, 102s. **Special Problems.** Prerequisites, agricultural engineering 3, 11, 21, or 30, depending on the nature of the work elected. Problems in farm building, farm machinery, farm motors, or farm drainage. (2-5) MR. WOOLEY; MR. JONES.

110f. **Teaching Farm Mechanics.** To be taken in connection with course, agricultural engineering 1, by students preparing to teach in agricultural high schools. (1) MR. JONES; MR. WOOLEY.

112f and sp. **Farm Tractors** Prerequisite, agricultural engineering 11. Study of construction, care, adjustment, repair, and operation of farm tractors. Practice in field work, lining up for belt work, locating troubles, testing, etc. (2) MR. JONES.

113w and sm. **Automobiles.** Prerequisite, agricultural engineering 11. Study of construction, care, and adjustment of automobiles from the operator's point of view. (2) MR. JONES.

122w. **Irrigation and Drainage.** Prerequisite, elementary surveying. The effect of irrigation and drainage on agricultural development. Drainage of farm land; systems of tile drainage. Quantity and methods of applying water to crops. Application to farm practice. (2) MR. WOOLEY.

210fm 211w, 212sp. **Research.** Advanced studies in farm machinery, farm motors, and farm buildings. MR. WOOLEY; MR. JONES.

## AGRICULTURE

See announcement of curricula, pages 76 to 84. See also

Agricultural Chemistry, page 151.	Entomology, page 175.
Agricultural Education, page 151.	Field Crops, page 176.
Agricultural Engineering, page 151.	Horticulture, page 185.
Agricultural Journalism, page 188.	Rural Life, page 210.
Animal Husbandry, page 153.	Soils, page 214.
Dairy Husbandry, page 162.	Veterinary Science, page 215.

## ANATOMY AND HISTOLOGY

102f. **Gross Anatomy.** A study of the gross anatomy of the head and trunk of the human body, excepting the central nervous system. (8) MR. CLARK; MR. WILLIAMS.

103w. **Gross Anatomy.** A study of the gross anatomy of the extremities of the human body. (4) MR. CLARK; MR. THIEHOFF; MR. WILLIAMS.

104f. **Histology.** A study of the microscopic anatomy of the tissues and organs of the human body. (5) MR. CHARLTON; MR. THIEHOFF; MR. JOHNSTONE.

105w. **Neurology.** The study of the gross and microscopic anatomy of the central nervous system and sense organs. (3) MR. CHARLTON; MR. JOHNSTONE.

106f and w. **Topographic Anatomy.** Elective. Prerequisite, course 102f. (2 or 3) MR. CLARK.

107w. **Study Room Course in Anatomy.** Elective. Prerequisite, course 102f. MR. CLARK.

206f and 207w. **Advanced Anatomy.** Elective. Prerequisite, 102f, 104f, or 105w. MR. CLARK; MR. CHARLTON.

208f and 209w. **Research.** In anatomy, histology, or embryology, open to suitably prepared students. A reading knowledge of French and German is required. MR. CLARK; MR. CHARLTON.

## ANIMAL HUSBANDRY

1f, w, sp, and sm. **Types and Market Classes of Live Stock.** Required. A general survey of the development of the live stock industry and present conditions. The fundamentals of live stock judging and its relation to production. The work covers horses, mules, cattle, sheep, and hogs. (3) MR. CHITTENDEN; MR. FOX; MR. EDINGER.

2f and sm. **Breeds of Live Stock.** Elective. History, development, and characteristics of the leading breeds of live stock; pedigrees and performances of superior individuals among horses, cattle, sheep, and swine. (3) MR. CHITTENDEN.

3w and sp. **Live Stock Judging.** Elective. Prerequisite, course 1. A study of various classes of farm animals, with particular reference to breed, character, and differences. The major portion of the work is done by the method of comparative judging, supplemented by reference reading and illustrated lectures. (3) MR. CHITTENDEN.

4f and w. **Slaughtering of Domestic Animals and Cutting and Curing of Meats.** Elective. Prerequisite, course 1. (2) MR. EDINGER.

5f. **Cutting and Curing of Meats.** This course is for women. Special attention will be given to the selection and utilization of the cheaper cuts of meat. (1) MR. EDINGER.

100f, sp, and sm. **Principles of Animal Nutrition.** Required. Prerequisite, organic chemistry, course 15. The laws of animal nutrition; an adaptation of the facts of physiological chemistry to the subject of feeding domestic animals. (3) MR. HOGAN.

101w and sm. **Animal Breeding.** Prerequisite, general zoology, course 1. A treatment of the principles and practices involved in the improvement of the domestic animals. The course includes a discussion of the subjects of reproduction, variation, heredity, selection, line breeding, in-



breeding, cross-breeding, grading, and other subjects correlated with the breeding and improvement of farm animals. (3) MR. TROWBRIDGE.

102f. **Advanced Live Stock Judging.** Elective. Prerequisite, course 3, live stock judging. A continuation of the work given in course 3 by the method of comparative judging. This course includes excursions to live stock shows and noted breeding farms. (3) MR. WEAVER.

103w and sp. **Beef Production.** Elective. Prerequisites, courses 1 and 100. A discussion of practical methods of beef production, including a consideration of successful practices in feeding for market, fitting for show, and general care and management of beef cattle. (3) MR. WEAVER.

104w. **Sheep Production.** Elective. Prerequisites, courses 1 and 100. Best systems of sheep husbandry; rearing for mutton and wool; production of spring lambs; fattening sheep and lambs for the market; general care and management of the breeding flock. (2) MR. FOX.

105w and sm. **Pork Production.** Elective. Prerequisites, courses 1 and 100. Approved systems of swine management, including a discussion of foodstuffs, with special reference to their adaptability to pork production; the feeding of hogs for farm and market; the feeding and management of the commercial and pure-bred breeding herd. (3) MR. WEAVER.

106w. **Horse Production.** Elective. Prerequisites, courses 1 and 100. Statistical study of horse and mule industry. Advance study of the breeds and market types; horse pedigree record associations and stallion laws. The breeding, growing, and management of breeding and market horses of all classes. (2) MR. CHITTENDEN.

107w. **Stock Farm Management.** Elective. For juniors and seniors only. Successful methods of operating farms devoted chiefly to live stock production. A study of the best systems applied to Missouri conditions (2) MR. TROWBRIDGE.

200f and 201w. **Seminar.** Elective. Special investigation bearing on selected lines of animal husbandry. The preparation and presentation of papers for discussion by the class. Once a week. MR. TROWBRIDGE.

202w. **Animal Nutrition.** Prerequisite, 100f. A study of the more important contributions to the knowledge of animal nutrition; designed for students specializing in some phase of animal industry. (2) MR. HOGAN.

203f, 204w, 205s. **Research in Animal Husbandry.** Advanced studies of special phases of animal production. Recommended to students who desire more thoro training in the production of cattle, horses, sheep or swine, or who may wish to make a more careful study of the fundamental principles of animal husbandry. MR. TROWBRIDGE; MR. WEAVER.

206f, 207w, 208s. **Research in Animal Breeding.** Study of special subjects bearing on the inheritance and development of characters in the domestic animals. MR. MUMFORD.

209f, 210w, 211s. **Research in Animal Nutrition.** Fundamental studies of nutritional problems. MR. HOGAN.

## ART, HISTORY OF

See Classical Archaeology and History of Art, page 161.

## ART, THEORY AND PRACTICE OF

*Attention is called to the fact that, altho the University of Missouri has no single division organized as a School of Fine Arts, a student, by wise selection and combination of the courses now offered in the various departments,*

can lay the foundation for the career of an artist, whether architect or painter, while working for his bachelor's degree. If willing to allow a total of five or six years for his studies, he can be prepared at the University of Missouri for a professional art career. Today students are being trained as professional illustrators, advertising draftsmen, and also as teachers of art during their college course. For a tentative curriculum in any branch of Fine Arts anyone interested should address the CHAIRMAN, DEPARTMENT OF THEORY AND PRACTICE OF ART, UNIVERSITY OF MISSOURI, COLUMBIA, MISSOURI.

**Sketch Club.** The department maintains a sketch club on Tuesday evening from 7 to 9, to which anyone interested in sketching is invited, provided he plans regular attendance. (No credit.)

2f, w, sp, and sm. **Introduction to Art.** Open to all students. The elementary principles of design and of representation are presented in illustrated lectures. Practice with pencil, pen and ink, wash, and watercolors. (5) MRS. PERKY; MR. BILL.

4f and sp. **Representation.** Prerequisite, course 2. A more advanced study of drawing and of the principles of representation than course 2. (5) MRS. PERKY.

5f. **Architectural Drawing.** Drawing of the orders, plans, elevations, and details of buildings. (3) MR. BILL.

10w and sm. **Theory of Design.** Prerequisite, course 2 or equivalent. The study of design as an art activity fundamental to the fine arts. (5) MR. ANKENY; MRS. PERKY.

101w. **Psychological Principles of Art.** Prerequisite, course 2. It is desirable that the student have completed also course 4 and a course in the history of art. (2) MR. MEYER.

104f. **Architecture.** Prerequisite, course 2, waived in case of engineering students. An introduction to architecture planned for all students, including those in journalism and engineering, who wish a general acquaintance with the subject. (3) MR. BILL.

105f and sp. **Pictorial Composition.** Prerequisites, courses 4 and 10. Pictorial expression thru representation and design; hence a fundamental course in painting, illustration and advertising. (5) MRS. PERKY; MR. ANKENY.

106w and sm. **Painting.** Prerequisite, course 4. It is desirable that the student have completed also course 10. Lectures; practice in painting in several of the principal modes. Lectures only (3); lectures and laboratory work (6). MR. ANKENY.

107w, 108sp, and 109sm. **Tone.** An advanced painting course. (2-5) MR. ANKENY.

110w. **Planning of Domestic and Civic Buildings.** Prerequisites, courses 5 and 104. Planning with special reference to American conditions. Lectures and Laboratory. (5) MR. BILL.

111f. **Interior Decoration.** Prerequisites, courses 4, 10, and 104. Design applied to the study of the decoration of interiors. (5) MR. BILL.

120f and w. **Life.** (2-5) MRS. PERKY.

122f and w. **Life II.** (2-5) MR. ANKENY; MRS. PERKY.

125f and w. **Advanced Life.** (2-5) MR. ANKENY.

127f and w. **Advanced Life II.** (2-5) MR. ANKENY.

150f. **Advanced Representation.** (5) MR. ANKENY; MRS. PERKY.

155w. **Advanced Design.** (5) MR. ANKENY; MR. BILL.

202f and w. **Problems of Design.** Prerequisite, course 10, and possibly 104, 106, or 112. (2-5) Arts. MR. ANKENY; MR. BILL.

206f and w. **Problems of Form.** Prerequisite, course 4 and 10, and possibly 120. (2-5) MR. ANKENY; MRS. PERKY.

210f and w. **Traditions of Painting.** Prerequisite, courses 10, 105, and 106. (2-3) MR. ANKENY.

## ASTRONOMY

*Courses in this Department are not open to Freshmen.*

1f, w, **Descriptive Astronomy.** An introduction to astronomy. (5) MR. SITTERLY.

102w. **Modern Astronomy.** Prerequisite, course 1. A descriptive course in sidereal astronomy. (2) MR. SITTERLY.

103f **Observatory Practice.** Prerequisite, course 1. Elementary observations with the instruments of the Observatory. Laboratory course. (2) MR. SITTERLY.

104f. **Geodetic Astronomy.** Prerequisite, elementary surveying. Determinations of azimuth, time, longitude and latitude, chiefly with the engineer's transit. One laboratory period. (3) MR. SITTERLY.

105f. **Practical Astronomy.** Prerequisites, course 103, and trigonometry, or course 104. Precise observations with the instruments of the Observatory. Laboratory course. (2) or (3) MR. SITTERLY.

## BOTANY

*Course 1, or its equivalent, is prerequisite to all other courses in botany, except course 3.*

1f, w, sp, and sm. **General Botany.** A fundamental training course in the subject. (5) MR. ROBBINS; MR. MANEVAL; MR. EYSTER; MISS LINDSAY.

3f, w, sp, and sm. **General Bacteriology.** Prerequisites, general botany or general zoology, and general inorganic chemistry. A general course in the fundamental principles of bacteriology. (3) MR. ROBBINS; MR. MANEVAL.

10f. **Field Botany.** Must be preceded or accompanied by course 1. A course designed to familiarize the student with the names and characteristics of common plants. (3) MR. EYSTER.

100w. **Plant Physiology.** Lectures and laboratory work on the physiology of plants. (5) MR. ROBBINS.

101sp. **Taxonomy and Ecology.** The classification of the seed plants of the local flora; relations of seed plants to their environment. (3)

---

102f. **Plant Pathology.** A study of special groups of fruit, vegetable and cereal diseases, with reference to symptoms, life histories of parasites, and methods of control. (3) MR. MANEVAL.

103w. **Advanced Plant Pathology.** A general course in phytopathological technique. The topics considered will be preparation and reaction of culture media, isolation, cultivation, and physiological study of plant pathogens, inoculation of host plants and relation of host to pathogene. (Not given 1922-23.) (3) MR. HOPKINS.

104f. **Histological Methods.** Training in microscopical technique. (3) MR. ROBBINS; MISS LINDSAY.

106w. **Genetics and Plant Breeding.** Lectures and laboratory work on the fundamental principles of heredity, including nature and cause of variations, laws of inheritance, factor linkages, sex inheritance, sterility and



mutations. Application will be made of genetic principles in sociology, medicine, eugenics, evolution, and agriculture, with special emphasis on plant breeding. (3) MR. EYSTER.

107w. **Mycology.** A systematic study of the fungi, with special reference to those causing plant disease. (3) MR. HOPKINS.

111f and 112w, sp and sm. **Special Problems.** Special problems in the various phases of botany. Credit to be arranged.

200f, w. **Seminar.** Special subjects in botany, including departmental research, are discussed. A reading knowledge of French and German is essential. (1) MR. ROBBINS; MR. MANEVAL; MR. HOPKINS; MR. EYSTER.

201f and w. **Advanced Plant Physiology.** Lectures and laboratory work on problems in plant physiology related to plant production. Course 100w or equivalent, prerequisite. (2-5) MR. ROBBINS.

202f, 203w, and 204s. **Research.** Students who have adequate preparation will be assigned some special problems for investigation. A reading knowledge of French and German is essential. Credit to be arranged. MR. ROBBINS; MR. MANEVAL; MR. HOPKINS; MR. EYSTER.

## CHEMICAL ENGINEERING

For curriculum in Chemical Engineering see pages 121 and 124.

For statement of courses in Chemical Engineering see announcement of the department of chemistry, below.

## CHEMISTRY

1f, w, sp, and sm. **General Inorganic Chemistry.** An introductory course. Students with one year high school chemistry may enter course 2, or take course 1 for 4 hours' credit, or the lectures and conferences only for 2 hours' credit. Upperclassmen electing this course will receive only 4 hours' credit. (5) MR. SCHLUNDT; MISS DOVER; MRS. STEARN and ASSISTANTS.

2f, w, sp, and sm. **General Inorganic Chemistry.** Prerequisite, course 1. A continuation of course 1. Courses 1 and 2 are prerequisite to all courses in chemistry. (3) MISS DOVER and MR. SCHLUNDT.

15f, w, sp, and sm. **Elementary Organic Chemistry.** Introductory course. Prerequisites, courses 1 or 2. May be accompanied by course 113 for three additional hours. (3) MR. FRENCH.

25f, w, and sp. **Analytical Chemistry.** Prerequisite, courses 1 or 2. Elective for students preparing to take medicine or home economics. A brief survey of the qualitative and quantitative analytical methods. (5) MRS. STEARN and ASSISTANTS.

27f, w, sp, and sm. **Qualitative Analysis.** A laboratory course. Must be preceded or accompanied by course 2. (3) MR. KRIEGE.

110f, w, and sp. **Organic Chemistry.** Prerequisite, should be preceded by ten hours' work in chemistry. Medical students will be admitted to this course with eight hours' chemistry. (5) MR. CALVERT; MR. PETERS.

112f, w, and sp. **Organic Chemistry.** Completion of the subject-matter of course 110. Recommended to students specializing in chemistry. (3) MR. CALVERT.

113f, w and sm. **Organic Synthesis and Analysis.** A laboratory course

in synthetic organic chemistry. May be taken with courses 15 or 110. (3) (4) or (5) MR. CALVERT; MR. PETERS.

121f, w, sp, and sm. **Quantitative Chemical Analysis.** Prerequisite, course 27. The general principles. (5) MR. KRIEGE.

122f, w, sp, and sm. **Quantitative Chemical Analysis.** Prerequisite, course 121. The analysis of commercial materials and products. (5) MR. KRIEGE.

124f. **Quantitative Organic Analysis.** Must be preceded or accompanied by course 121. Quantitative analysis of commercial organic products. (3) MR. CALVERT.

125w. **Quantitative Organic Analysis.** Must be preceded or accompanied by course 121. Quantitative analysis of commercial organic products. (3) MR. CALVERT.

130w and sm. **Physical Chemistry.** Prerequisites, college course in physics, three hours of quantitative analysis, three hours of organic chemistry. (3) MRS. STEARN.

131f and sp. **Physical Chemistry.** Prerequisite, a college course in physics, three hours of quantitative analysis, and three hours of organic chemistry. (5) MRS. STEARN.

133w. **Electro-Chemistry.** Prerequisites, same as 131. Generally offered alternate years. Will be given in 1922-23. (5) MRS. STEARN.

135w. **Radioactivity.** Prerequisites, undergraduate courses in physics and chemistry. Generally offered alternate years. Given in 1921-22. (3) MR. SCHLUNDT.

141f. **Industrial Inorganic Chemistry.** Prerequisites, courses 2 and 110. (3) (4) or (5) MR. \_\_\_\_\_.

142w. **Industrial Organic Chemistry.** Prerequisites, same as for course 141. (2) or (3) MR. \_\_\_\_\_.

201w. **Advanced Inorganic Chemistry.** Must be preceded or accompanied by 131. Lectures and recitations. (3) MR. \_\_\_\_\_.

211f. **Advanced Organic Chemistry.** Prerequisite, course 110; must be preceded or accompanied by 112. Lectures on selected topics, supplemented by reading and reports. In the selection of the subjects the special needs of the students will be considered. (3) MR. CALVERT.

225w. **Qualitative Organic Chemistry.** Must be preceded by, or accompanied by, 112. (3) MR. FRENCH.

227w, sp, and sm. **Advanced Analytical Chemistry.** Prerequisite, course 122. Chiefly laboratory work. The work of the course is varied to meet the needs of the individual. Credit to be arranged. MR. \_\_\_\_\_.

232f. **Advanced Physical Chemistry.** Prerequisite, courses 131 and 121. Lectures on selected topics. A reading knowledge of German and French is very desirable. Credit to be arranged. MRS. STEARN.

260f and sp, and 261w and sm. **Seminary.** Meetings at which subjects of a chemical interest are discussed by students of sufficient attainment and members of the teaching staff. A reading knowledge of French and German is desirable. (1)

271f and sp, and 272w and sm. **Research.** Arrangements for research should be made by consultation with the professor or instructor with whom the research is elected.

*The University of Missouri Section of the American Chemical Society meets monthly. Students may attend these meetings.*

## CITIZENSHIP

1f and 2w. **Citizenship.** Problems in American citizenship, including English composition. (5) Lectures by MR. LOEB.

## CIVIL ENGINEERING

*Topographical Engineering*

2f, w, and sp. **Elementary Surveying.** Prerequisite, mathematics, course 2. Use and adjustment of ordinary surveying instruments. (3) MR. WILLIAMS; MR. MILLER.

104w. **Higher Surveying.** Prerequisite, courses 102 and engineering drawing 1. Mining, hydrographic and topographic surveying; determination of azimuth, and plane triangulation. Control of surveys. (4) MR. WILLIAMS.

106w. **City Planning.** Prerequisite, courses 104 and 111. Planning city layouts and additions from topographic maps. (2) MR. WILLIAMS.

201w. **Geodetic Surveying.** Prerequisite, course 104. Elements of geodesy, with practice in the use of precise instruments. (3) MR. WILLIAMS.

*Railway Engineering*

111f. **Railway Surveying.** Prerequisite, course 102. Theory and practice of railway surveying. (4) MR. MILLER.

112f. **Railway Location and Construction.** Prerequisite, course 111. Complete location of a line, with estimate of cost. (2) MR. MILLER.

113w. **Economics of Railway Construction.** Prerequisite, course 111. The economic effect of changes in distance, curvature, rise and fall, grades, etc. (2) MR. MILLER.

214w. **Railway Engineering.** Prerequisite, course 112. Advanced course in construction, maintenance and management. (3) MR. MILLER.

215w. **Railway Yards and Terminals.** Prerequisite, course 112. Arrangement of terminal facilities for handling both passenger and freight business. (2) MR. MILLER.

*Structural Engineering*

120f and w. **Graphic Statics.** Prerequisite, mechanics, course 101. Graphic analysis of stresses in simple trusses. (2) MR. HYDE.

121f. **Stresses.** Prerequisite, course 120. Algebraic solution of stresses in simple trusses. Complete stresses in a railroad truss bridge. (3) MR. HYDE.

122w. **Structural Design.** Prerequisite, course 120. Design and working drawings of beams, girders, columns and trusses with estimates. (3) MR. HYDE.

124w. **Mill Structures.** Prerequisite, course 120. Design of beams, girders, columns, grillage foundations, and roof trusses. (2) MR. HYDE.

125w. **Masonry Structures.** Prerequisite, course 120. Materials and methods employed in masonry construction; theory of reinforced concrete structures. (3) MR. SPALDING.

222w. **Bridge Design.** Prerequisite, course 122. Design of stringer bridges, plate girders and steel railroad truss bridge, with working drawings and estimates. (3) MR. HYDE.



223w. **Higher Structures.** Prerequisite, course 222. Swing bridges; arches; suspension and cantilever bridges; deflection of trusses. (3) MR. HYDE.

226f. **Concrete Structures.** Prerequisite, course 125. Theory of reinforced concrete structures, with problems in design. (3) MR. SPALDING.

227f or w. **Theory of Structures.** Statically indeterminate structures; secondary stresses. Credit to be arranged. MR. HYDE.

#### *Materials of Construction*

132f and sp. **Materials of Construction.** Prerequisites, chemistry, course 1. Properties of the more common materials used in engineering construction; tests for strength and elasticity of wood, iron, and steel; standard tests for cement. (3) MR. LARUE; MR. SPALDING.

133w. **Testing Laboratory.** Prerequisite, course 132. Experimental investigation of the properties of the materials of construction. (1) MR. LARUE.

134w. **Road Materials.** Properties of materials used in highway construction; laboratory tests of road materials. (3) MR. LARUE.

231f or w. **Experimental Investigation.** Laboratory investigations concerning the properties and uses of the materials of construction. Credit to be arranged.

#### *Hydraulic Engineering*

140f and w. **Hydraulics.** Preceded by mechanics, course 101. Fundamental principles of the mechanics of fluids, including hydrostatics and hydrodynamics. Elementary principles of hydraulic motors. (3) MR. RODHOUSE.

141f and w. **Water Power.** Hydrology; stream measurement, weirs, current meters; storage reservoirs and dams; water-wheels; the problem of a water-power development. (3) MR. RODHOUSE.

142w. **Water Supply.** Surface waters and storage; underground waters, deep wells; waterworks, pipe lines, meters, water towers; pumping station, service and deep-well pumps. (2) MR. RODHOUSE.

243f. **Irrigation and Drainage.** Irrigation engineering, institutions, and practice; canals, ditches, reservoirs; land drainage. (2) MR. RODHOUSE.

#### *Municipal Engineering*

151f. **Roads and Pavements.** Materials and methods employed in the construction of roads and pavements. (2) MR. SPALDING.

152f. **Sanitary Engineering.** Prerequisite, mechanics of engineering, course 101. Public water supplies, with special reference to quality. Methods of water purification. Collection and treatment of sewage. (2) MR. McCAUSTLAND.

155w. **Highway Engineering.** Prerequisite, course 151. Management, improvement and maintenance of earth roads; plans and estimates for road improvement; construction and maintenance of street pavements. (2) MR. SPALDING.

157w. **Sanitary Design.** Prerequisite, course 152. Design of sewerage systems and works for water and sewage treatment. (2) MR. McCAUSTLAND.

256f. **Highway Design.** Prerequisites, courses 125 and 151. Design of highway structures, culverts, walls, small bridges; plans and estimates for highway improvements. (2) MR. SPALDING.

257f or w. **Sanitary Engineering.** Investigations and special problems in sanitary engineering. Credit to be arranged. MR. McCaustland.

### General

291w. **Specifications and Contracts.** (1) MR. SPALDING.

298f and 299w. **Thesis.** An independent investigation or design, with complete report or discussion of results. First term (1); second term (2).

## CLASSICAL ARCHAEOLOGY AND HISTORY OF ART

2f, 4w, 2sp, and 4sm. **Classical Mythology.** The myths as they are represented in literature and in Greek and Roman art. Recitations and illustrated lectures. (1) MR. PICKARD.

106f. **Greek Art to Age of Pericles.** A preliminary study of Assyrian and Egyptian art, followed by a study of the development of Greek architecture and sculpture. (3) MR. PICKARD.

107w and sm. **Greek Art from the Age of Pericles to Roman Times.** (Continuing course 106f.) (3) MR. PICKARD.

108f. **Mycenaean Art or Art of Primitive Greece.** (1) MR. PICKARD.

109w. **Introductory Study of Greek Vases and Vase Painting.** (1) MR. PICKARD.

110f and sp. **Roman Life.** A study of the extant remains, particularly those of Pompeii. Lectures and readings. Illustrated by use of plans, maps, and lantern slides. (2) MR. PICKARD.

118w and sm. **Topography and Monuments of Rome.** Illustrated by use of plans, maps, and lantern slides. (2) MR. PICKARD.

214f and 215w. **Topography and Monuments of Athens.** Prerequisite, a reading knowledge of Greek, French, and German. Frazer's *Pausanias* will be taken as the basis of discussion. (2) MR. PICKARD.

216f and 217w. **Archaeological Seminary.** Hours and work to be arranged. MR. PICKARD.

*Museum of Classical Archaeology: The museum is supplied with models of temples, plaster casts of specimens of sculpture, framed and unframed photographs, and lantern slides.*

### Art, History of

1f and sp. **History of French Painting.** Illustrated lectures and collateral reading. (2) MR. PICKARD.

3w. **History of English Painting.** Illustrated lectures and collateral reading. (2) MR. PICKARD.

5f. **History of Modern Belgian and Modern Dutch Painting.** Illustrated lectures and collateral reading. (2) MR. PICKARD.

7w and sm. **History of American Painting.** Illustrated lectures and collateral reading. (2) MR. PICKARD.

111f and sp. **History of Italian Renaissance Painting.** Illustrated lectures and collateral reading. (3) MR. PICKARD.

112w. **History of Renaissance Painting in the Netherlands and in Germany.** Illustrated lectures and collateral reading. (3) MR. PICKARD.

113f and sp. **Masterpieces of Architecture and Sculpture of Classic Times.** Lectures fully illustrated by use of lantern slides. (1) MR. PICKARD.

115w and sm. **Masterpieces of Architecture, Sculpture, and Painting of Mediaeval and Modern Times.** Lectures fully illustrated by use of lantern slides. (1) MR. PICKARD.

210f, 211w, and 212s. **Seminary in the History of Art.** Hours and work to be arranged.

*Renaissance and Modern Painting: The collection of photographs, lantern slides, and other means of illustrating courses in these subjects has been very largely increased. The picture gallery near the Museum of Classical Archaeology is hung with carbon photographs, photogravures, and other reproductions of masterpieces of painting.*

## CLINICAL MEDICINE AND SURGERY

101s. **Physical Diagnosis.** An introductory course in the methods of physical diagnosis with drill in the technic upon normal and diseased subjects. (3) MR. STINE.

102s. **Minor Surgery.** A systematic study of the elementary principles of surgery, including operative and aseptic technic and bandaging. (2) MR. CONLEY.

## DAIRY HUSBANDRY

1f, w, and sm. **Elements of Dairying.** Prerequisite, general chemistry. Teaches the fundamentals underlying the dairy industry in usable form for the farmer and teacher. Study is made of composition of milk, its food value, Babcock test, cream separation, buttermaking, handling milk and its products on the farm. (3) MR. SWETT; MR. TURNER.

100w. **Milk Production.** Prerequisite, dairy husbandry I. Deals with the problems of the dairy farmer and breeder, such as the breeds of dairy cattle, judging and selection, milk secretion, breeding, calf raising, care and management, feeding, dairy barns and equipment, and the business side of pure-bred cattle breeding. (4) MR. RAGSDALE; MR. SWETT.

101w. **Dairy Feeding.** Prerequisite, animal husbandry 100. An application of the principles of animal nutrition to the special problems of feeding dairy cattle. Feeding for official records. (1) MR. RAGSDALE.

102f and w. **Dairy Bacteriology.** Prerequisite, dairy husbandry 1 and botany 3. An applied course teaching the general relation of bacteria to milk and its products. A study is made of common and important milk organisms, contamination of milk, relation of milk to human health, the bacteriology of butter-making, ice-cream manufacture, and cheesemaking. (4) MR. REID; MR. NELSON.

103w. **Market Milk.** Prerequisite, dairy husbandry 102. Classes of market milk, transportation, handling, delivery and marketing. Sanitary inspection, equipment of plants, business methods, and problems of public control. (4) MR. REID; MR. NELSON.

104f. **Dairy Products.** Prerequisite, dairy husbandry 102. The fundamental principles concerned in the manufacture of butter, ice cream, cheese and dairy by-products are taught and applied in practice, with special attention to the chemical and bacteriological processes involved. (5) MR. REID; MR. NELSON.

106f, w, sp, and sm. **Special Problems.** Primarily for advanced and well-trained undergraduates who wish to make special studies and investigations in any of the special lines of dairy husbandry. Subjects will be assigned or may be selected subject to approval. Credit to be arranged. MR. RAGSDALE; MR. SWETT; MR. REID, or MR. BRODY.



201f and 202w. **Seminar.** The object of this course is to train the student to do independent work and to develop the spirit of research. Each student prepares and presents papers on selected topics and reports on recent scientific investigation and on current literature. (1) MR. RAGSDALE; MR. REID; MR. BRODY.

204f, 205w, and 206sp and sm. **Research in Dairy Husbandry.** Students are allowed to select special problems for study, carry out certain experiments pertaining to dairy cattle and milk production, and in some cases to assist in lines of investigation under way in Agricultural Experiment Station. MR. RAGSDALE; MR. SWETT.

207f and 208w. **Research in Biochemical Phases of Dairy Husbandry.** The various phases of biochemistry relating to dairy animals, or to milk, butter, ice cream, cheese and dairy by-products offer many attractive problems for graduate research. Students with good training in nutrition or chemistry will be well equipped to carry on independent investigations along these lines. Results obtained are usually of such character that they may be published in one of the scientific journals. MR. BRODY.

210f, 211w, and 212sp and sm. **Investigations in Dairy Manufactures.** Opportunity is given to study and investigate problems in market milk, ice-cream making, buttermaking, cheesemaking, and dairy by-products. Graduate students with good training in chemistry and bacteriology will find facilities for independent investigation. MR. REID.

## DRAWING

See Engineering Drawing, page 172.

See Art, Theory and Practice of, page 154.

## ECONOMICS AND COMMERCE

1f and w. **General Economics.** An introduction to the general field of economics. Prerequisite to all courses in this department. Not open to freshmen. (5) MR. BROWN.

1sm. **General Economics** (3½).

17f and w. **Elementary Accounting.** A study of the technique of accounts. Analysis of the balance sheet and income statement in their usual and special forms. (3) MR. SCOTT.

105f and w. **Money, Credit, and Banking.** Relation of the production of the precious metals and the banking business to the supply of money and the prices of commodities. (5) MR. ROBB.

106f. **Transportation and Public Utilities.** A study of rates and charges and rate regulation. Particular attention is devoted to railroad rates, the problem of discrimination, and the decisions of the Interstate Commerce Commission. (3) MR. BROWN.

110f. **Labor Problems.** The genesis of "the labor problem;" the policies and methods of organized labor; analysis of specific measures and comprehensive programs for the protection of organized labor and the safeguarding of public interests in employment relations; possibility of the improvement of condition of wage-earning class, etc. (5) MR. WATKINS.

115w and sp. **Public Revenues.** Prerequisite, either course 105 or consent of the instructor. A study of the finances and financial methods of governments, with especial reference to taxation. (3) MR. BROWN.

117f and w. **Advanced Accounting.** Prerequisite, course 17. An intensive analysis of the balance sheet and income statement; a theoretical study of cost accounts and of special problems such as those of partnership, corporate, and estate accounting. (4) MR. SCOTT.

118f. **Corporation Finance.** Prerequisite, course 105. The purpose and methods pursued in the organization and management of business corporations and the uses and character of corporation securities. (3) MR. ROBB.

118sp. **Corporation Finance.** Prerequisite, course 105. (2½)

119f. **Trusts and Combinations.** The development of business organizations, the financing of such enterprises, their relations to the control of industry, the prices of commodities, and the distribution of wealth. (2) MR. WATKINS.

119sp. **Trusts and Combinations.** (1½)

121f. **Accounting and Business Policy.** Prerequisite, course 117. An examination of the functions of accounting in relation to business enterprise. (2) MR. SCOTT.

122w. **Investments.** Prerequisite, course 105. A study of the various forms of investments. (2) MR. ROBB.

124w. **Foreign Exchange and Trade.** Prerequisite, course 105. (a) The Principles and practice of foreign exchange; (b) analysis of principles underlying foreign trade; (c) shipping, finance, and sales problems. (2) MR. BROWN.

124sp. **Foreign Exchange and Trade.** (1½)

128f. **Statistics and Business Management.** Prerequisite, either course 117 or consent of the instructor. A study of the use of statistics for the purpose of the direction of business policy. (2) MR. SCOTT.

132w. **Bank Management.** Prerequisite, course 105. Deals with problems confronting the cashier, e. g., passing upon validity and security of notes, drafts, etc.; the construction and use of accounting devices for keeping him continuously informed about every operation which might influence his loan policy, etc. (3) MR. ROBB.

134w. **Public Accounting and Auditing.** Prerequisite, course 117. Auditing principles and problems; the theory and technique of public accounts and their use as a means of public control. (2 or 3). MR. SCOTT.

137f. **Factory Management and Employment Problems.** Covers the problems connected with building and equipping a manufacturing plant, as well as those connected with its internal administration and the methods and systems of hiring and handling employes. (3) MR. WATKINS.

138w. **Mercantile Organization and Credits.** A study of the administration of the relations of business enterprise with outside parties, e. g., current creditors, consumers, etc. (3) MR. WATKINS.

140w. **History of Commerce and Industry.** The evolution in forms of market organization will be analyzed particularly in relation to changes in industrial processes but also in relation to changes in political and social institutions. (2) MR. WATKINS.

150w. **Business Law.** The emphasis of this course is chiefly upon the law of contracts and sales. Attention is also given to the law of agency, or bailments, and of negotiable instruments. (3) MR. WATKINS.

211f. **Advanced Economic Theory.** A critical examination of the writings of the leading economists. (5) MR. SCOTT.

220f. **Speculative Markets and Business Cycles.** Prerequisite, course 105. The organization, methods, and functions of produce exchanges and

securities markets and the influence of their operations upon the movement of prices. (3) MR. BROWN.

223f and w. **Seminary.** Credit to be arranged. MR. BROWN; MR. SCOTT; MR. WATKINS; MR. ROBB.

240w. **Economics of the Professions.** The origin of the professions, professional ethics, and the place of the professions in the economic life of a community. (2) MR. WATKINS.

## EDUCATION

See announcement of curricula, pages 98 to 103.

### (A) EDUCATIONAL PSYCHOLOGY

A102f, w, sp, and sm. **Educational Psychology.** Prerequisite, either experimental psychology or a biological science. Introduction to the science of education; application of the methods and results of experimental psychology to the problem of training children. Lectures and laboratory. (3) MR. PYLE.

A150f and w. **The Psychology of Learning.** Prerequisite, an approved course in general psychology, and course A102 or its equivalent. The science of education based upon a knowledge of the child and the laws of learning. Lectures f only. (3) Laboratory each term. (Credit to be arranged.) MR. PYLE.

A155w and sm. **Psychological Tests.** A laboratory course in mental and physical tests, the psychology of individual differences, and the economy and technique of learning. (3) MR. PYLE.

A160f. **Abnormal and Defective Children.** Subnormal and super-normal children from the standpoint of genetic psychology. Examination of the causes of these deviations, tests for their determination, and a study of their proper treatment. (1) MR. PYLE.

A170f, A171w, and A172sp. **Current Problems.** Current problems in education from the point of view of psychology. Informal discussions and reports of periodical literature in educational psychology. (1) MR. PYLE.

A210f, A211w, A212sp, and sm. **Seminary in Educational Psychology.** Prerequisite, considerable training in both education and psychology. For thesis work. (Credit to be arranged.) MR. PYLE.

A215f and A216w. **Research in Educational Psychology.** Prerequisite, considerable training in both general and educational psychology, including training in psychological method. Original investigation of problems in any field of educational psychology. (Credit to be arranged.) MR. PYLE.

### (B) THE HISTORY AND PHILOSOPHY OF EDUCATION

B125f, w, sp, and sm. **History and Principles of Education.** A study of the historical background of education and of the fundamental principles which should guide educational procedure. (4) MR. COURSAULT.

B120sm. **Educational Classics.** An intensive study of the historical setting and content of a few educational classics which mark prominent movements in the development of educational thought and practice. (3) MR. COURSAULT.

B271sm. **Philosophy of Education.** A study of the fundamentals of



education in the light of modern science and philosophy. (2) MR. COURSAULT.

B280f, B281w, and B282sm. **Seminary in the History and Philosophy of Education.** Thesis work for graduate degrees. (Credit to be arranged.) MR. COURSAULT.

### (C) EDUCATIONAL ADMINISTRATION

C150f, w, and sm. **School Economy.** Problems of effective methods of school management from the standpoint of teachers in secondary schools. (2) MR. ELLIFF.

C160f and sm. **High School Administration.** Prerequisite, course C150 or its equivalent. (f—3) (sm—2½) MR. ELLIFF.

C170f, C171w, and C172sm. **Educational Statistics.** Problems concerned with collecting, organizing and interpreting facts found in school systems. Fundamental to advanced courses in the various fields of education. (f and w—3) (sm—2½) MR. CAPPS.

C175f, C176w, and C177sm. **Administration of Educational Tests and Measurements.** A series of projects with tests, scales, score cards, and other measurements applicable to elementary and secondary schools. (f and w—3) (sm—2½) MR. CAPPS.

C180f. **Administration of Public Education in the United States.** A fundamental course in the principles and practices of national, state, and county educational administration. In 1922-23 f and w not offered. (3) MR. ———.

C185f, w, and sm. **City School Administration.** For principals and superintendents. This course will deal with such topics as child accounting, the superintendent's supervisory program, making and changing the course of study, buildings and building programs, and office administration. (f and w—3) (sm—2½) In 1922-23 f and w not offered. MR. ———.

C215w. **School Publicity.** This course aims to develop a sound publicity policy for schools and to afford actual practice in the preparation of annual reports, monographs, and school bulletins. In 1922-23 f and w not offered. (2) MR. ———.

C230w and sm. **The Junior High School.** The evolution of the present divisions of the public school system; the eight-four plan; the six-six plan; distinguishing aims of elementary and secondary education; a survey of the progress of the junior high school, including a study of the important problems of organization and administration. (2) MR. ELLIFF.

C240w and sm. **School Finance.** The legal basis of school finance; state aid, taxation and valuation; relation of school expenditures to wealth of district, to expenditures in past. School budgets and school accounting. (w—3) (sm—2½) In 1922-23 f and w not offered. MR. ———.

C260f, C261w, and C262sm. **Seminary in Educational Administration.** Thesis work for graduate degrees. (Credit to be arranged.) MR. ELLIFF; MR. CAPPS.

### (D) SCHOOL SUPERVISION

D101f and sp. **Child Life and Kindergarten Curricula.** A study of the interests, instincts, activities, and environment of little children, with

a view to the selection and arrangements of kindergarten programs. In 1922-23 f and w not offered. (2) Miss \_\_\_\_\_.

D102w and sm. **Kindergarten Materials.** Studies and experiments with the materials of the kindergarten, including those leading to the industrial and fine arts; blocks, toys, pets, etc. Practical work with clay, crayon, paint, paper, cardboard, textile materials, etc. (2) In 1922-23 f and w not offered. Miss \_\_\_\_\_.

D103f and sp. **Plays, Games, Songs, and Dances of Early Childhood.** This course includes a study of the theories of play, songs, and consideration or rhythms and dances suitable for children of kindergarten age. In 1922-23 f and w not offered. (2) Miss \_\_\_\_\_.

D104w and sm. **Children's Literature.** A study of stories suitable for little children, including folk-tales, fairy tales, myths, fables, legends, realistic stories, rhymes, and poetry, with practice in story-telling. In 1922-23 f and w not offered. (2) Miss \_\_\_\_\_.

D111f, w, sp, and sm. **Theory and Observation of Teaching.** A study of methods of class work with illustrations and observations in all grades of public school work. Prerequisite, education A102, educational psychology. (3) Mr. WATKINS.

D121f. **Elementary Education: The Curriculum and Management.** A study of the leading problems of elementary schools with special emphasis upon modern tendencies. Laboratory work in the University Elementary school. (2) (3) Mr. MERIAM.

D122w. **Elementary Education: Games and Stories in School Work.** A study in the selection and organization of games and studies suitable for the schoolroom. Laboratory work in the University Elementary School. (2) (3) Mr. MERIAM.

D123sp. **Elementary Education: Industries and Handwork.** The selection and organization of school studies in accord with the work of the community. Laboratory work in the University Elementary School. (2½) Mr. MERIAM.

D124sm. **Elementary Education: Elementary School Methods.** A study of current methods of teaching the "common branches," with suggestions as to possible improvements. (2½) Mr. MECKER.

D155f, D156w, D157sp, and D158sm. **Practice Teaching.** Hours and credits must be arranged with instructor before registration. Application should be made in the term preceding that in which the course is wanted. Normally students are expected to complete 10 hours of practice teaching. (Credit to be arranged.) Mr. MERIAM; Mr. WATKINS.

D156f, D157w, D158sp, and D159sm. **Practice Teaching of Vocational Agriculture.** Hours and credits must be arranged with instructor before registration. Application should be made in the term preceding that in which the course is wanted. This course is approved for credit under the Smith-Hughes Act. (Credit to be arranged.) Mr. SEXAUER; Mr. MILLER.

D160f, D161w, D162sp, and D163sm. **Practice Teaching of Vocational Home Economics.** Hours and credits must be arranged with instructor before registration. Application should be made in the term preceding that in which the course is wanted. This course is approved for credit under the Smith-Hughes Act. (Credit to be arranged.) Mr. MERIAM; Miss KLINGNER.

D172sp. **General Science in Public Schools.** A study in the organization of studies that will give to all pupils a greater interest in the science of every-day life. This course is planned for teachers of science and for superintendents. (2) MR. WATKINS.

D225f, D226w, D227sp, and D228sm. **Supervision of Practice Teaching of Vocational Home Economics.** A course for those who are preparing to become supervisors of student teaching in home economics in institutions of college rank which train teachers of vocational home economics for secondary schools. This course includes supervised practice work in supervision. (Credit to be arranged.) MISS STANLEY.

D250f and sp. **School Supervision: Teaching and Studying.** A course planned to inquire into better methods of study as the chief problem in effective teaching. (1) (2) (3) MR. MERIAM; MR. WATKINS.

D251w and sm. **School Supervision: Educational Measurements.** An examination of current schoolroom tests and an inquiry into the possibility of measurements in terms of activities out of school. (1) (2) (3) MR. MERIAM.

D265f, D266w, D267sp, and D268sm. **Experimental Studies.** Opportunity is provided for advanced students and for experienced teachers and superintendents to conduct experiments in the University Schools for the purpose of testing special methods of teaching, studying measurements, management, etc. (Credit to be arranged.) MR. MERIAM; MR. WATKINS.

D270f. **Public School Curriculum: Principles in the Making of Curricula.** A research course. (3) MR. MERIAM.

D271w. **Public School Curriculum: Selection and Organization of Courses of Study.** A research and laboratory course. (3) MR. MERIAM.

D272sp. **Public School Curriculum: High School Subjects.** A research course. (2) MR. MERIAM; MR. ———.

D273sm. **Public School Curriculum: Elementary School Subjects.** A research course. (2) MR. MERIAM; MR. MECKER.

D280f, D281w, D282sp, and D283sm. **Seminary in School Supervision.** Thesis work for graduate students. Opportunity is offered for experimental studies in the University School. (Credit to be arranged.) MR. MERIAM.

### (E) METHODS IN AGRICULTURE

E105f, w, sp, and sm. **Methods in Vocational Agriculture (Plant Husbandry).** A course dealing with methods of presenting subject-matter in field crops, soils, and horticulture, in secondary schools. (3) MR. SEXAUER.

E107f, w, sp, and sm. **Methods in Vocational Agriculture (Animal Husbandry).** A course dealing with the methods of presenting subject-matter in animal husbandry in secondary schools. (3) MR. ———.

E109f, w, sp, and sm. **Methods in Teaching Laboratory Work in Vocational Agriculture.** This course deals with methods of preparing and using materials and devices for laboratory work in field crops, animal husbandry, farm shop, and farm machinery. (3) MR. SEXAUER; MR. ANKENY.

E115f, w, sp, and sm. **Management of Vocational Agriculture in Secondary Schools.** This course deals with the more important problems that occur from the time the teacher makes application for a position in a



Smith-Hughes school until the work in agriculture is in successful operation. (2) MR. SEXAUER.

E117f, w, sm. **Elements of Visual Education.** An elementary course in methods and technique of visual education. Special emphasis is placed on graphs, charts, slides, and motion pictures, their effective use in teaching and planning of lessons, involving their use, etc. Motion-picture machines and stereopticons are studied. Laboratory work in construction and use of visual aids. (3) MR. ANKENY.

**Practice Teaching of Vocational Agriculture.** Described under School Supervision as Education D155f, D157w, D158sp, and D159sm.

E160f, w, sp, and sm. **History of Agricultural Education.** This course deals with the history of agricultural education, tracing its growth and scope and importance from its beginning to the present. (1) MR. SEXAUER.

E210f, w, sp, and sm. **Special Problems in Vocational Agriculture.** Discussion and presentation of papers on assigned topics having to do with agricultural education. Open to students specializing in vocational agriculture. (1) (2) (3) MR. SEXAUER; MR. ANKENY.

E236f, w, and sm. **Research in Visual Education.** For the advanced student who wishes to evaluate visual aids, also test various methods of their use, with a view to developing special methods. Prerequisites, E117 and E130. (1) MR. ANKENY.

E240f, w, sp, and sm. **Seminar in Agricultural Education.** Thesis work for graduate degrees. (Credit to be arranged.) MR. SEXAUER; MR. ANKENY.

#### (F) METHODS IN HOME ECONOMICS

F110w. **Teaching of Vocational Home Economics.** This course should be taken only by those doing practice teaching or those who have received credit for practice teaching. (2) MISS STANLEY.

F115w and sm. **Teaching of Applied Art.** A course to prepare students of home economics to teach the applied art course required by the Smith-Hughes Act as supplementary to the course in vocational home economics. (2) MISS ARNOLD.

F120 f and w. **Teaching of Applied Science.** A course to prepare students of home economics to teach the applied science course required by the Smith-Hughes Act as supplementary to the course in vocational home economics. (2) MISS STANLEY.

**Practice Teaching of Vocational Home Economics.** Described under School Supervision as Education D160f, D161w, D162sp, and D163sm.

F175f. **Problems in the Administration of Vocational Home Economics.** A course taking up the study of the Smith-Hughes Act, with a detailed study of the administrative problems arising in teaching vocational home economics. This course should be taken before the student does her practice teaching. (2) MISS STANLEY.

**Supervision of Practice Teaching of Vocational Home Economics.** Described under School Supervision as Education D225f, D226w, D227sp, and D228sm.

F275f, w, sp, and sm. **Research in Vocational Home Economics.** (Credit to be arranged.) MISS STANLEY.

#### (G) METHODS IN INDUSTRIAL ARTS

G110f and sm. **Teaching Shopwork in Industrial Schools and Classes.** Organization of teachable content and discussion of methods and manage-

ment best adapted to teaching shopwork in industrial schools and classes or on the job. (2) MR. SELVIDGE.

G112f and sm. **Trade Analysis.** This is a course for those preparing to teach a trade. It consists of an analysis of a trade into its unit operations and the formulation of definite plans for teaching them. (4) MR. SELVIDGE.

G115w and sm. **Teaching Related Subjects in Industrial Schools and Classes.** Organization of teachable content and discussion of methods best adapted to teaching related subjects in industrial schools and classes. (2) MR. SELVIDGE.

G120sm. **Teaching Non-vocational Subjects in Industrial Schools and Classes.** Organization of teachable content and discussion of methods best adapted to teaching non-vocational subjects in industrial schools and classes. (2) MR. SELVIDGE.

**Organization and Administration of Industrial Education.** Described under *Educational Administration* as Education C155w and sm.

G130w and sm. **Teaching of Industrial Arts.** This course is intended for administrative officers, supervisors, and teachers. It deals with the aims, the course of study, classroom, methods, supervision, materials, and equipment. (3) MR. SELVIDGE.

#### (H) METHODS IN OTHER SUBJECTS

H101w and sm. **Teaching of Art.** (2) MR. ANKENEY.

H104f. **Teaching of Biological Sciences.** (2) MR. CURTIS.

H107w. **Teaching of Chemistry.** (2) MR. SCHLUNDT.

H110w and sm. **Teaching of English.** Prerequisite, English 133 or its equivalent. (2) MR. FAIRCHILD.

H113sm. **Teaching of Geography.** (2) MR. BRATTON.

H116w. **Teaching of German.** (2) MR. ALMSTEDT.

H119w. **Teaching of Gymnastics.** Nomenclature, days, orders, methods, organization, and control. Prerequisites, physical education, courses 100 and 105, or the equivalent. (2) MISS GATH.

H122w and sm. **Teaching of History.** (2) MR. TRENHOLME.

H125f and sm. **Teaching of Latin.** (2) MISS CAUTHORN.

H128w and sm. **Teaching of Mathematics.** (2) MR. HEDRICK.

H131w. **Teaching of Physics.** (2) MR. STEWART.

H134f. **Teaching of Physiology.** Methods and materials for elementary and high schools. Lectures and demonstrations on the selection and utilization of materials and on methods of teaching physiology in the grades and in the high schools. (2) MR. GREENE.

H137sm. **Administration of Art Education.** Intended to acquaint superintendents and supervisors with the working details of art education from the administrative standpoint. No previous credit in art a prerequisite. (1) MR. ANKENEY.

H140w. **Supervision and Criticism of Elementary Handwork.** Lectures, observation, and discussion. Special emphasis on the theory and purposes of classroom projects in illustrative and technical handwork from the standpoint of the supervisor. (2) MISS DOBBS.

H260w, sp, and sm. **Problems in the Teaching of Art in Secondary Schools and Colleges.** Opportunity will be given the student to conduct original investigation. (2) or (5) MR. ANKENEY.

## ELECTRICAL ENGINEERING

**101f. Electrical Machinery.** Prerequisite, mathematics, course 6; physics, course 4. Fundamentals of electromagnetism. Voltage, current and power relations in electric circuits. The simple alternator and the direct current generator. (4) MR. WEINBACH; MR. HUBBARD.

**102w. Electrical Machinery.** Prerequisite, course 101f. Structure and characteristics of direct and alternating current generators and motors, transformers, converters, instruments, etc. (4) MR. WEINBACH; MR. HUBBARD.

**103f. Advanced Direct Current Machinery.** Prerequisites, courses 101 and 102. Voltage, current, torque and power relationships. Armature windings. The magnetic circuit. Operating characteristics. Losses, efficiency and heating. Commutation. (3) MR. LANIER.

**110f. Advanced Alternating Currents.** Prerequisites, courses 101 and 102. The properties of electrostatic, magnetic and electric circuits; voltage, current, power relations in single and polyphase circuits; power measurement; irregular electromotive-force and current waves. (3) MR. WEINBACH.

**111w. Advanced Alternating Current Machinery.** Prerequisite, course 110. The alternating current transformer, single and polyphase; the general transformer; polyphase and single-phase induction motors; the induction generator; the synchronous generator and motor; prediction of performance; parallel operation; rotary converter; commutator type alternating current motors. (6) MR. LANIER.

**131w. Electric Motors.** Prerequisites, courses 101 and 102. Construction, characteristics, and application of electric motors to various classes of service. (2) MR. WEINBACH.

**132f. Storage Battery Engineering.** (Not offered in 1922-23.) Prerequisite, course 103. Theory, operating characteristics, and application of electric storage batteries. (2) MR. WEINBACH.

**133f. Illumination.** Prerequisite, courses 101 and 102. Characteristics of commercial types of electric lamps and their application to interior and exterior lighting. (2) MR. HUBBARD.

**134w. Telephony.** Prerequisites, course 110f. Sound waves, conversion of sound waves into electric waves and vice versa; propagation of electric waves along the transmission line; distortion and attenuation; artificial loading; inductive interference. (2) MR. WEINBACH.

**143f. Electrical Processes.** Prerequisite, courses 101 and 102. Practical application of electricity in electro-chemical and metallurgical industries. Theory, construction, and operation of electric furnaces. (2) MR. WEINBACH.

**220f. Electrical Machine Design.** Prerequisites, courses 103f and 111w. Rational methods of determining over-all dimensions, and the proportions and arrangement of the electric and magnetic circuits of direct and alternating-current machines. Predetermination of performance. (3) MR. LANIER.

**230f and w. Generation and Distribution.** Prerequisite, course 111. Detailed study of the generation, transmission, and distribution of electrical energy for lighting, power, and electric railways. (3) MR. WEINBACH.

**240w. Central Station Design.** Prerequisite, course 230. Selection and arrangement of equipment of electric power plants. Plans and designs of power plants. (2) MR. HUBBARD.



241w. **Electric Railway Engineering.** Prerequisites, courses 103 and 111. Electric railway systems; equipment and operation. Economic conditions governing the construction of an electric road. (2) MR. HUBBARD.

242w. **Transmission.** Prerequisite, course 230. Transmission of electric power. Line regulation. Economical aspects, practical limitations, operating precautions. (3) MR. WEINBACH.

244w. **Analysis of Design Problems.** Prerequisite, course 221. An analysis of some of the more important problems relating to the design of electrical machinery. (2) MR. LANIER.

250f. **Special Electrical Laboratory.** Prerequisite, 111w. Advanced experimental studies of performance characteristics of electrical machinery; for example, alternator regulation, hunting of synchronous machines, commutation, induction motor performance studies, etc. (2) MR. LANIER.

280w. **Application of Mathematics to Electrical Machinery.** Prerequisite, mathematics, course 6. Stating the problem in mathematical form; application of complex numbers, exponential functions, and differential equations to electrical engineering problems. (2) MR. WEINBACH.

290f and w. **Research.** Original investigations along various lines in electrical engineering. Students taking research work will have as advisers those members of the staff most conversant with the problems undertaken.

298f and 299w. **Thesis.** Investigation of some problem of practical value. Results of investigation must be presented at the end of the year in a carefully prepared dissertation. Weekly reports. One hour the fall term and two hours the winter term. (3)

## ENGINEERING

See announcement of curricula on pages 120 to 126.

Agricultural Engineering, page 151.

Chemical Engineering, page 157.

Engineering Drawing, page 172.

Mechanical Engineering, page 195.

Civil Engineering, page 159.

Electrical Engineering, page 171.

Industrial Arts, page 186.

Mechanics, page 197.

## ENGINEERING DRAWING

1f, w, and sp. **Drawing I.** Use of instruments, drawing to scale, the common geometrical curves, free-hand lettering, sketching, topographic symbols; descriptive geometry, fundamental principles and applications. (3) MR. NEWTON; MR. INGELS; MR. MILLER.

2f, w, and sp. **Drawing II.** Prerequisite, course 1. Machine and kinematic drawing, link motions, velocity diagrams, cams, gear teeth, working drawings of machine parts. (2) MR. NEWTON; MR. HUGHES; MR. INGELS.

3f and w. **Drawing III.** Descriptive geometry. The solution of problems relating to points, lines, planes and surfaces; intersections and developments. This course will be taken instead of course 1 by students who have had sufficient training in mechanical drawing. (2) MR. NEWTON; MR. HUGHES; MR. MILLER.

## ENGLISH

*The freshman training in English composition is regularly given in connection with the courses in Citizenship: see page 159. English 1 and 2 are provided only for those who are not admitted to Citizenship. For the Teaching of English, see Education H110w: and for Literary and Dramatic Reviewing, see Journalism, 109f.*

1f, w, and sm. **Composition and Rhetoric.** Detailed study and practice in construction and the kinds of composition. (3) MR. RANKIN; MR. RAMSAY; MISS BRASHEAR; MRS. WESTFALL.

2w, sp, and sm. **Composition and Rhetoric.** A continuation of course 1. (3) MR. RANKIN; MISS BRASHEAR; MISS KAUCHER; MRS. WESTFALL.

3w, 4f, and 4sm. **English Life and Literature.** A reading and lecture course upon phases of English life and the progress of English literature. (3) MR. BELDEN.

5f, 6w, and 5sp. **Masterpieces.** Critical study of selected masterpieces of English literature. (2) MR. FAIRCHILD.

*Courses 3, 4, 5, and 6 constitute an introduction to the study of English literature, open in whole or in part to all students of the first and second years, and designed for those who can take but one course in English literature, as well as for those who proceed to the further study of English. Course 3 or 4 is required and courses 5 and 6 are recommended for admission to other courses in English literature.*

10f and sp. **English Composition.** An elective course for students whose work in English 2 or Citizenship 2 has been of inferior grade, and for others who need further elementary instruction in English composition. (3) MISS BRASHEAR.

50f, w, and sm. **Narration.** Practice in various forms of narrative writing; the short story of plot and character. (3) (1½) MR. RAMSAY; MR. GAIR; MR. JARVIS.

55f and w. **The Descriptive Story.** Practice in forms of imaginative composition involving description; the story of local color and atmosphere. (3) MR. RAMSAY.

60f and w. **Exposition.** The critical study of current exposition, with practice in writing. Recommended for those who intend to enter the professional schools. (3) MR. RANKIN.

75f and w. **Public Speaking.** Articulation, pronunciation, voice training; practice in writing and speaking. (2) MR. PERSTEIN.

76f and w. **Advanced Public Speaking.** A continuation of course 75. (2) MR. PERSTEIN.

101w. **Advanced Composition.** An informal course in practical composition, open to a limited number of upperclassmen. (3) MR. RANKIN.

103w. **Technical Writing.** Training in the organization and written and oral presentation of the results of technical research; preparation of scientific reports and of papers for the non-technical public. (2) MR. BELDEN.

105f. **Public Speaking and Debate.** The principles of public speaking; practice in extemporaneous speaking, oratory, and debate. Prerequisite, junior standing. (3) MR. PERSTEIN.

106w. **Debating.** Investigation of special questions; practice in debate. Designed especially for members of the debating squad. (3) MR. PERSTEIN.

107f and 108w. **Dramatic Interpretation.** A study of selected plays; the acting of plays; play-writing and dramatic criticism. (3)

113f. **Versification.** A study of the technique of English verse, with practice in metrical composition. (3) MR. BELDEN.

119f and sm and 120w. **The English Language.** The science of language; the present facts of the language; the past development of English; an introduction to Old English. (3) MR. RAMSAY

125w. **Chaucer and His Time.** A study of a considerable number of Chaucer's poems; reading of selections from other important authors of the fourteenth century; discussion of the chief types of Middle English literature. (3) MR. RANKIN.

133f. **English for Teachers.** Required of those whose subject for specialization for the degree in Education is English, and preliminary to Education H110. (2) MR. BELDEN.

135f, 136w and sp. **Shakespeare.** *Hamlet, King Lear, Othello, Henry V, The Tempest.* (3) (2) MR. FAIRCHILD.

145w. **Milton.** Life, works, and times. (3) Arts. MR. FAIRCHILD.

150sm. **The English Epic.** The progress of the epic type in English literature, with special study of the great English epics. (1½) MR. RAMSAY.

155f. **The Age of Reason.** Dryden and his time; Pope, Swift, and the essayists. (3) MR. BELDEN.

157sp. **Literature and Society in the Eighteenth Century.** A study of social ideals as presented in the English literature of the second third of the century. (3) MR. BELDEN.

161f. **The Rise of Prose Fiction.** The development of the novel down to the opening of the nineteenth century. (3) MR. FAIRCHILD.

162w. **The Novel.** The novel as a literary form, with special reference to the nineteenth century novel. (3) MR. FAIRCHILD.

165f and sm. **The Romantic Period.** A study of literary tendencies and representative authors. (3) (1½) MR. TISDEL; MR. ———.

166w. **The Victorian Period.** A study of literary tendencies and representative authors. (3) MR. TISDEL.

171f. **Modern Prose Writers.** A comparative study of the works of representative authors, with weekly reports. (3) MR. RANKIN.

175f and 176w. **American Literature.** Sectional development; growth of nationality; present tendencies. (3) MR. BELDEN.

177f. **The Modern Drama.** The development of English and American drama during the last thirty years, with a survey of some foreign authors who have influenced its course. (3) MR. RAMSAY.

178w. **Recent and Current Literature.** A study of representative writers and literary movements in English and American literature for the last twenty-five years. (3) MR. RAMSAY.

219f and sp and 220w. **Seminary in Literary Criticism.** The history of critical theory, with reading of standard works; current theories and problems. (3) (2) MR. FAIRCHILD.

221w. **Beowulf.** The study of the poem will be pursued as an exercise in Old English phonology and grammar, in text-criticism, and in the investigation of poetic principles. (3) MR. BELDEN.

237w. **The Rise of the Drama.** From the beginning of the Modern drama in the medieval church to the English miracle and moral plays. (3). MR. RAMSAY.

240sp. **Donne and His School.** A study of the work and the gov-



erning ideas of the so-called metaphysical poets, their relation to renaissance and medieval thought and their influence upon modern English poetry. (2½) MR. BELDEN.

276sm. **Critical Problems in American Literature.** Topics for research will be assigned to individual students after consultation with the instructor. (1½) MR. ———.

278f and sm. **Recent Literature: The Regionalistic Movement.** Recent English and American writers and literary movements, studied with special attention to geographical and historical factors. (1½) MR. RAMSAY.

280f. **The Foreign Debt of English Literature.** The purpose of the course is to give the student some acquaintance with certain literary masterpieces of the world, and to indicate the nature, and to some degree the extent, of the influence they have exerted upon English literature. (3) MR. RANKIN.

## ENTOMOLOGY

2f, w, sp, and sm. **Applied Entomology.** Fundamental principles of insect life, with special reference to its economic importance. Careful study of a limited number of insect pests and remedies for their control. (3) MR. HASEMAN; MR. SULLIVAN.

103w. **Insect Anatomy.** A laboratory course dealing with the comparative anatomy of a few representative forms. (Offered in odd years.) (2) MR. HASEMAN.

104f. **Classification of Insects.** A laboratory course dealing with the classification of insects. (Offered in even years.) (2) MR. SULLIVAN.

109f and sp. **Beekeeping.** A technical study of the honey-bee and the science of beekeeping, supplemented with practical work in the apiary. (2) MR. HASEMAN; MR. SULLIVAN.

110w and sm. **Insects of the House, Garden and Home Premises.** Primarily for students in home economics. A study of the injurious insects found in and about the home and garden. Lectures and field work. (2) MR. HASEMAN; MR. SULLIVAN.

111f. **Insects of Field Crops.** Prerequisite, course 2. An economic study of the insect pests of field crops and stored grain. Lectures, laboratory, and field work. (Offered in even years.) (2)

122w. **Insects of Live Stock and Poultry.** Prerequisite, course 2. Study of insect pests affecting live stock and poultry. Lectures, laboratory and field work. (Offered in odd years.) (2) MR. SULLIVAN.

113f and sp. **Insects of the Orchard and Truck Crops.** Prerequisite, course 2. A study of the injurious insect pests of the orchard, vineyard, and small fruits. Lectures, laboratory, and field work. (2) MR. HASEMAN; MR. SULLIVAN.

114f. **Field Practices in Insect Control.** Prerequisite, course 2. Practical application of modern methods of controlling insect pests on the farm. It will include the mixing and applying of insecticides for controlling insect pests of live stock, poultry, the orchard and garden, and the use of barriers and other remedies for pests of field crops, stored grain, and grain products. Laboratory and field work. (2) MR. HASEMAN.

115w. **Relation of Insects to Disease.** A detailed study of the transmission of disease by insects, together with their life history, prevention, and control. Two lectures and one laboratory period. (3) MR. HASEMAN; MR. SULLIVAN.

116f. **Morphology, Histology, and Development of Insects.** Prerequisites, courses 2, 103, 104, or their equivalent. (Offered in even years.)

(3) MR. HASEMAN.

120f, 121w, 122s. **Special Problems.** Scheduled preliminary for advanced undergraduates who wish to take up special problems in economic entomology. Hours to be arranged. MR. HASEMAN; MR. SULLIVAN.

200f, 201w, and 202s. **Research.** Open to those who have had sufficient zoological and entomological training to fit them for original research. MR. HASEMAN; MR. SULLIVAN.

203f and 204w. **Seminar.** This course is intended to develop and foster the spirit of original research. It will consist of the presentation of papers and of the discussion of current literature and entomological investigations. (1) MR. HASEMAN; MR. SULLIVAN.

## PHYCHOLOGY

1f and w. **Instincts and Habits.** A study of human life from the biological point of view. Human instincts as resulting from the structure of the human body. The development in individual life of simple and complex habits, especially those of significance in human society. (4) MR. MEYER.

2f. **Music Systems.** The origin of musical scales treated as a psychological rather than as an historical problem. Open to any student interested. No prerequisites except a good knowledge of high school mathematics. (2) MR. MEYER.

8f and w. **Abnormal Psychology.** The proper sequence of course 1. The same facts and laws are studied as they appear in exaggerated form and popularly referred to by such terms as idiocy, genius, somnambulism, aphasia, hysteria, neurasthenia, hypnosis, insanity. (3) MR. MEYER.

18f. **The Psychology of Drugs.** Prerequisite, courses 1 and 8. Both the causes leading to and the psychological effects of the use of commercial drugs are discussed, chiefly of the most ordinary drugs, alcohol, tobacco, coffee and tea. (1) MR. MEYER.

101w. **Play and Art.** An introduction to the problems of esthetics. (2) MR. MEYER.

132f and 142w. **Experimental Problems.** (1, 2, or 3)

209f and w. **Psychological Systems.** A comparative study of the psychological systems as found in the textbooks issued during the last thirty years. (4)

210f and w. **Research.** Theoretical and Experimental.

## FIELD CROPS

1f, w, and sm. **Field Crops.** Required of all freshmen. An introductory course dealing with the fundamental factors in the production and management of crops. Students are advised to take this course in the fall or summer terms rather than in the winter term, in order to secure the advantage of laboratory studies in the field. (3) MR. ETHERIDGE; MR. STADLER; MR. HELM; MR. LETSON.

100w and sm. **Field Crops Management.** Prerequisite, course 1. A study of crops rotations for Missouri conditions; the management of crops in various systems of farming. (2) MR. HELM.

101w. **Grain Crops Production.** Prerequisite, course 1. An advanced study of the production of corn and the small grains, based mainly on experimental data. (3) MR. ETHERIDGE; MR. STADLER; MR. LETSON.

102f. **Field Crops Grading and Marketing.** Prerequisite, course 1. An advanced laboratory course in grading grain and hay by the federal standards; discussions of inspection and marketing; visits to important markets. (2) MR. LETSON.

103f. **Forage Crops Production.** Prerequisite, course 1. An advanced study of the production of the principal forage crops, based mainly on experimental data. (3) MR. LETSON.

104f. **Fiber Crops Production.** Prerequisite, course 1. An advanced study of the production of the principal fiber crops, with special attention to cotton. (2) MR. ETHERIDGE.

105w and sp. **Field Crops Improvement.** Prerequisite, course 1. A summary of the principles underlying the economic breeding of crop plants; studies in the practical methods of plant improvement, in the testing and standardization of varieties, the quality of seed, and the merits in various types of seed associations. (3) MR. STADLER.

106w. **Research Methods.** A study of research methods with crops in laboratory, greenhouse, and field; defining the problem; planning the investigation or research; technique in management; collecting and tabulating data; analysis and presentation of data; interpretation of evidence; reviewing related literature. For graduate students or seniors who intend to enter the professional field of agronomy. (2) MR. ETHERIDGE; MR. HELM; MR. STADLER; MR. LETSON.

107f, 108w, and 109s. **Special Problems.** A course, scheduled by appointment, primarily for advanced and well-prepared undergraduates who wish to investigate in special lines the production of field crops. Topics will be assigned or may be chosen subject to approval. Credit to be arranged. The teacher may be elected.

201f. **Field Crops Improvement.** Prerequisite, course 105. An advanced study of inheritance and improvement of the principal field crops; critical reviews of recent investigations; consideration of fundamental problems in the technic of crop improvement. For graduate students and seniors. (2) MR. STADLER.

202f, 203w, and 204s. **Research.** Original research in problems of the production, management, and improvement of field crops. MR. ETHERIDGE.

205f and 206w. **Seminar.** Discussions of research problems in the production, management, and improvement of field crops. Students will present before the class their abstracts of the literature on special topics. Required without credit of graduate students majoring in field crops. (1) MR. ETHERIDGE.

## FRENCH

See Romance Languages, page 209.

## GEOLOGY AND GEOGRAPHY

### *Geology*

1f, w, and sp. **Principles of Geology.** Earth history and materials. Four field trips. (5) MR. BRANSON; MR. TARR; MR. MEHL; MR. RUTLEDGE.



2f, w, and sp. **Physical Geology.** Like 1, but omits the historical part and adds laboratory exercises. Four field trips. MR. RUTLEDGE; MR. WILLIAMS.

15f. **Advanced General Geology.** Prerequisite, course 1. (3 or 5) MR. BRANSON.

100f. **Economic Geology.** Prerequisite, course 1 or 2. Non-metallic earth products. (2) MR. TARR.

101w. **Economic Geology.** Prerequisite, course 1 or 2. Metallic earth products. (2) MR. TARR.

104w. **Rocks and Rock Minerals.** Prerequisite, course 1 or 2. (3) MR. TARR.

105sm. **Field Course.** Prerequisite, ten hours of geology. Field in the mountains of Colorado, Wyoming or Montana. (6) MR. MEHL.

106f. **Mineralogy.** Prerequisite, course 1 or 2. (3) MR. TARR.

107f. **Determinative Mineralogy.** Prerequisite, course 106. (3) MR. WILLIAMS.

118w. **Field Methods.** Prerequisite, course 15. (3) MR. MEHL.

120f. **Historical Geology of the Paleozoic.** Prerequisite, course 15. (3) Arts. MR. BRANSON.

121w. **Historical Geology of the Mesozoic and Cenozoic.** Prerequisite, course 120. (3) MR. MEHL.

125f. **Life of the Paleozoic.** Prerequisite, course 15. (3) MR. BRANSON.

126w. **Life of the Mesozoic and Cenozoic.** Prerequisite, course 15. (3) MR. MEHL.

140sm. **Geological Report.** The report is based on the work of 105sm. (2) MR. MEHL.

150sp. **Field Study on Ore Deposits.** The field for 1922 is southeastern Missouri. (5) MR. TARR.

151sp. **Report on Ore Deposits.** The report is based on the investigations made in 150sp. (3) MR. TARR.

200w. **Geology of Oil and Gas.** Prerequisite, course 100, 104, and 121. (3-5) MR. TARR.

201f. **Principles of Ore Deposits.** Prerequisite, courses 101, 104, 106. (5) MR. TARR.

204f, w, sp, sm. **Seminary.**

207w. **Advanced Mineralogy.** Prerequisite, courses 104, 106, and 107. (5) MR. TARR.

209w. **Petrography.** Prerequisite, courses 104, 107, inorganic chemistry, and general physics. (5) MR. RUTLEDGE.

210f, w, sp, and sm. **Field Problems.** Prerequisite, course 105, and other courses, depending on the problem selected.

216w. **Structural Geology.** Prerequisite, thirty hours of geology. Offered in 1921-22 and alternate years. (3) MR. BRANSON.

221w. **The History of Geology.** Prerequisite, forty hours of geology. Offered in 1921-22 and alternate years. (2) MR. BRANSON.

224w. **Stratigraphy of the Paleozoic.** Prerequisite, courses 120 and 125. Offered in 1922-23 and alternate years. (5) MR. BRANSON.

225f. **Stratigraphy of the Mesozoic.** Prerequisite, courses 121 and 126. Offered in 1921-22 and alternate years. (5) MR. MEHL.

226f. **Stratigraphy of the Cenozoic.** Prerequisite, courses 121 and 126. Offered in 1922-23 and alternate years. (5) MR. MEHL.

233w. **The Geologic History of the Vertebrates.** Prerequisite, courses 121 and 126. Offered in 1922-23 and alternate years. (3) MR. MEHL.

234w. **Paleontology.** Prerequisite, courses 121 and 126. The echinodermata and molluscoidea. Offered in 1921-22 and alternate years. (5) MR. BRANSON.

235f. **Paleontology.** Prerequisite, courses 121 and 125. The mollusca and arthropoda. Offered in 1922-23 and alternate years. (5) MR. MEHL.

240f, w, sp, and sm. **Research.** Offered by members of the department in their respective lines.

### *Geography*

6f, w, sp, sm. **General College Geography.** A study of the fundamental elements of geography. (3) MR. BRATTON; MISS STRONG.

110f. **The Geography of North America.** Prerequisite, geography 6; desirable also to have geography 115. (3) MISS STRONG.

111w. **The Geography of South America.** Prerequisite, geography 6; desirable also to have geography 115. (3) MISS STRONG.

112f. **The Geography of Europe.** Prerequisite, geography 6; desirable also to have geography 115. (3) MR. BRATTON.

113w. **The Geography of Asia.** Prerequisite, geography 6; desirable also to have geography 115. (3) MR. BRATTON.

115f, w, sp. **Commercial and Industrial Geography.** Prerequisite, geography 6, or 50 hours of college credit. (3) MR. BRATTON; MISS STRONG.

116f, w. **The Geography of Trade.** Prerequisite, geography 115; desirable also to have at least two regional courses in geography. (3) MR. BRATTON.

117sm. **Geographic Influences in American History.** Desirable to have geography 6, 110, 112, and American history, but students of senior rank may be admitted after consultation with members of the department. (3) MISS STRONG.

119sm. **Conservation of Natural Resources in the United States.** Prerequisite, 50 hours of college credit. (3) MR. BRATTON. (Not given in 1923.)

145f, w, sp, sm. **Pro-Seminar.** For students preparing for graduate study in geography. (2) MR. BRATTON; MISS STRONG.

213f, w. **Political Geography.** For students prepared to do graduate work in geography. (3) MISS STRONG.

214f, w. **Cartography.** For students prepared to do graduate work in geography. (2) MR. BRATTON.

215f, w, sp, sm. **Seminar.** For students able to do semi-independent work. MR. BRATTON; MISS STRONG.

230f, w, sp, sm. **Research.** Prerequisite, at least two hours work in seminar. MR. BRATTON; MISS STRONG.

### GERMANIC LANGUAGES

1f, w, sp, and sm. **Beginning Course in German.** (5) MR. ALMSTEDT; MR. HOFFMAN.

2f, w, and s. **German Reading, Syntax, and Composition.** Prerequisite, course 1. (5) MR. ALMSTEDT; MR. HOFFMAN.

3f, w, and s. **Advanced Reading Course.** Prerequisite, courses 1 and 2. (5) MR. HOFFMAN; MR. ALMSTEDT.

104f, w, and s. **Masterpieces in Modern German Drama and Lyrics and Novel.** Prerequisite, course 3 or its equivalent. (3) MR. ALMSTEDT; MR. HOFFMAN.

107f and s, and 108w. **Schiller.** (3) MR. HOFFMAN.

111w. **Outline Course in Historical Grammar.** Together with course 105, arranged to meet the needs of the prospective teacher of German. (3) MR. ALMSTEDT.

112f and 112s. **Advanced Composition and Conversation.** (2) MR. HOFFMAN.

113f. **Middle High German.** Hartman von Aue. For advanced seniors. (3) MR. ALMSTEDT.

114f. **German Drama of the Nineteenth Century.** (3) Arts. MR. HOFFMAN.

213f, w, and s. **Romanticism.** (3) MR. HOFFMAN.

220f, w, and sp. **Gothic.** Conducted as the fundamental course for advanced students in Germanics. (3) MR. ALMSTEDT.

222w. **Seminary.** Subject to be determined.

*Other courses in Germanic languages and literature will be arranged if the needs of the student require them.*

## GREEK

1f and w. **Elementary Course.** The vocabulary is confined to Greek words from which English words are formed. During the term the student learns the derivation of more than eight hundred words and the fundamental principles of grammar and the forms necessary for the reading of simple prose. (5) MR. MANLY.

1sp. **Elementary Course.** Same as 1f and w. Five times a week. (2½) MR. MANLY.

2f and w. **Intermediate Course.** Reading of simple Greek prose with review of syntax and of Attic forms. (3) MR. MANLY.

2sp. **Intermediate Course.** Same as 2f and w. Five times a week. (2½) MR. MANLY.

6f and w. **Composition and Reading.** (2) MR. MANLY.

10f, w, and sp. **Greek for Students of Medicine.** Study of the derivation of medical terms. (1) MR. MANLY.

11f, w, and sp. **Greek for Students of Chemistry and Geology.** Study of the derivation of scientific terms used in chemistry and in geology. (1) MR. MANLY.

12f, w, and sp. **Greek for Students of Zoology.** Study of the derivation of scientific terms used in zoology. (1) MR. MANLY.

13f, w, and sp. **Greek for Students of Botany.** Study of the derivation of scientific terms used in botany. (1) MR. MANLY.

20f, w, sp. **Greek for Science Students, Advanced Course.** Prerequisite, 10, 11, 12, or 13. (1) MR. MANLY.

109f, w, and sp. **Greek Mythology.** The aim is to familiarize the student with the myths of Greece as an aid to the appreciation of literature. (2) MR. MANLY.

110f. **Greek Life.** The manners and customs of the ancient Greeks are dealt with in detail. (2) MR. MANLY.

111w. **Greek Life.** Continuation of 110f. (2) Arts. MR. MANLY.



112f, w, and sp. **Greek Literature in English Translation.** Especially designed for non-classical students. (3) MR. MANLY.

116f, w, and sp. **Greek Tragedy in English Translation.** Selected plays of Aeschylus, Sophocles, and Euripides. (1) MR. MANLY.

217f. **Homer.** The *Iliad* and the *Odyssey*. (2) or (3) MR. MANLY.

218w. Continuation of 217f. (2) or (3) MR. MANLY.

222f. **Seminary.** Graduate work conducted in accordance with the needs of the graduate students in classics. MR. MANLY.

223w. **Seminary.** Continuation of 222f. MR. MANLY.

## HISTORY

1f, w, and sp. **Early European History.** Including England. General European development to 1648. Seniors receive four hours' credit only. (5) MR. TRENHOLME; MR. WRENCH.

1Bsm. **Early European History.** Second half of 1. (2½)

6f, w, and sp. **Later European History.** Including England. General European development and expansion from the Thirty Years' War to the twentieth century. Seniors receive four hours' credit only. (5) MR. TRENHOLME; MR. KERNER.

6Bsm. **Later European History.** Second half of 6. (2½)

8f, w, and sm. **American History.** A survey of colonial and national development. History 8 is ordinarily a prerequisite to other courses in American history. Seniors receive four hours' credit only. (5) MR. VILES; MR. STEPHENS.

8Asm. **American History.** First half of 8. (2½)

*Course 1, 6 and 8 are open to students who have completed Citizenship*  
1. *The remaining courses in the department require at least one of these courses or its equivalent as a prerequisite.*

105f. **Ancient History.** Oriental and Greek periods. (3) MR. WRENCH.

106w. **Ancient History.** Roman period. (3) MR. WRENCH.

105f and 106w together make a complete survey of ancient history and should be taken consecutively. Primarily for prospective teachers of history and the classics. For upperclassmen only, except by permission.

116w, sp, and sm. **Contemporary Europe.** A survey of European history in the twentieth century, dealing with political and economic development and the insistent problems of world politics. Special emphasis on the causes and history of the World War and the Peace Conference. (3) MR. KERNER.

117f. **Political and Social History of England.** Medieval and early modern periods. (3) MR. TRENHOLME.

118w. **Political and Social History of England.** Modern period. (3) MR. TRENHOLME.

119w. **Recent United States History.** A study of the United States since 1876 as an historical background to present-day problems. (3) MR. VILES.

134w. **The Near Eastern Question.** The historical background of the problems of Western Asia. (2) MR. WRENCH.

137w. **The Far Eastern Question.** The historical background of the present political and economic questions of the Far East. (2) MR. KERNER.

150f. **European Culture.** Medieval period. A survey of the cultural development of Europe from 400 to 1300. (2) MR. WRENCH.

**165f. Recent Russian History.** A general survey of Russian history from the Crimean War to the present time, with special emphasis on the historical background; the origin and development of the revolution and present conditions. (2) MR. KERNER.

**178w. Constitutional and Legal History of England.** Study of origins and development of English government and law. (3) MR. TRENHOLME.

**180w. American Industrial and Social History.** The origins and development of American social and economic conditions, colonial and national. (3) MR. STEPHENS.

**182f. History of the West.** A study of the frontier in American history, including its development and its influence on American ideals and politics. (3) MR. VILES.

**190f. American Diplomatic History.** A survey of the foreign relations of the United States, with special emphasis on the period since the Civil War. (3) MR. STEPHENS.

**195w. American Constitutional History.** Special attention is directed to the formation of the Federal Constitution, and its interpretation in connection with the chief constitutional issues. (3) MR. STEPHENS.

**200f. Historical Method.** A survey of the problems of criticism and the handling of sources with practical exercises. For all graduate students in history. (1) MR. TRENHOLME; MR. WRENCH.

*See also Education H122, Teaching of History.*

**201w. Historical Interpretation.** Critical study of the methods and viewpoints of the great historians of the past and today. (1) MR. TRENHOLME; MR. VILES; MR. STEPHENS; MR. KERNER; MR. WRENCH.

**205w. The Renaissance in Western Europe.** Studies and reports in the period of modern beginnings between 1200 and 1500. (2) MR. TRENHOLME.

**207f. The British Empire, Its History and Problems.** Studies and reports on British colonization, imperialism, and colonial nationalism. (2) MR. TRENHOLME.

**209w. Recent Diplomatic Problems.** Selected topics in the foreign relations of the United States since 1895. (2) Arts. MR. STEPHENS.

**216f and w. Seminary in Contemporary Europe.** Selected topics in the history of Eastern Europe and World Politics. (2) (3) or (4) MR. KERNER.

**218w. Political Parties in the United States.** (2) MR. VILES.

**219f. Problems in Missouri History.** (2) (3) or (4) MR. VILES.

**250f, w, sp, and sm. Seminary in Historical Research and Thesis Work.** (1) (2) (3) or (4).

## HOME ECONOMICS

*For the student who expects to take home economics at the University of Missouri three curricula are possible leading to three degrees.*

She may enter as a student for an A. B. degree, and may select as a part of her elective requirements for this degree (see page 69) 24 hours of home economics work. The choice must be limited to courses 1, 10, 11, 60, 101, 120, and 121.

If she intends to teach, she may enter the College of Arts and Science, complete the requirements for the first two years, and then enter the School of Education and complete the requirements for the degree of Bachelor

of Science in Education, with home economics as her subject of specialization. For further information see curriculum in home economics outlined in the announcement of the School of Education, page 98.

A third possible curriculum is adapted to the needs of the student who does not intend to teach, but wants preparation for life in the home, and particularly in the farm home. This curriculum combines home economics and agriculture, and leads to the degree of Bachelor of Science in Agriculture. See page 76.

1f, w, and s. **Selection and Preparation of Food.** An elementary food course planned to give the student a knowledge of the principles underlying the selection and preparation of food. (3) or (5) MISS BAUER; MISS CLINE.

10f, sp, and sm. **Household Problems.** A course planned to give the student a general insight into the field of home economics thru a study of the problems of the modern home. (2) MISS STANLEY.

11f, w, sp, and sm. **Food Problems of the Household.** Prerequisite, course 1 or its equivalent. A study of the balancing of the family dietary in accordance with food requirements and income, the purchase of food, and the care of food in the home. (2) MISS STILLMAN; MISS CLINE.

50f, w, and sp. **Elementary Clothing.** This course takes up the clothing problems of the college girl. The selection of materials and principles of construction will be worked out thru the planning and making of underwear and a simple dress. (5) MISS GLEASON; MISS CATON.

52w. **Principles of Selection and Construction of Clothing.** Prerequisite, high school course in sewing or its equivalent. This course covers the same ground as course 50, but less time is given to practice work. (3) MISS GLEASON; MISS CATON.

55w. **Millinery.** A study of the principles of design as applied to millinery. The simpler principles of construction with especial emphasis upon the renovation of materials and retrimming. (2) MISS GLEASON.

60f, w, sp, and sm. **Home Nursing.** (2) MISS STALLINGS.

101f, w, sp, and sm. **Household Sanitation.** Prerequisites, physiology, bacteriology, and preventive medicine. Problems are considered from the practical as well as the sanitary standpoint. (3) MRS. —.

110f and sp. **House Planning and Furnishing.** Prerequisites, course 101, and preceded or accompanied by design. A study of the planning and furnishing of the house from the standpoint of convenience, economics, health, and art. (3) MISS ARNOLD.

111w. **Advanced House Planning.** A special course for those who are interested in a special study along this line. (Credit to be arranged.) MISS ARNOLD.

115f, w, sp, and sm. **Household Management.** With supervised laboratory work in a self-sustaining house. In order to be admitted to this course students must make application at least two months before the opening of the term in which the course is desired. (3) MRS. ROSA.

120f and sp. **Food and Nutrition.** Prerequisites, organic chemistry, physiology, bacteriology, home economics 11. A study of the chemistry of food constituents and their occurrence in the different food materials; the digestibility of different food materials and combinations; the preservation and adulteration of foods. (5) MISS BAUER.

121w and sm. **Dietetics.** Must be preceded by home economics 120 and its prerequisites. A study of normal food requirements and the nutritive value of different foods and combinations. The cost of the



dietary and the relation between nutritive value and cost are emphasized. (3) MISS STILLMAN.

122sm. **Field Work in Dietetics.** Laboratory work to accompany 121. Especially recommended for those students who are interested in any of the foregoing lines of work. (Credit to be arranged.) MISS STILLMAN.

130f. **Metabolism and Dietetics.** Prerequisite, home economics 121 and its prerequisites. The process of metabolism, with particular attention to the significance and the elimination of metabolic end-products. Abnormal metabolic processes are considered as they throw special light on the problems of dietetics. (5) MISS STANLEY; MISS STILLMAN.

145f, sp, and sm. **Dress Design.** A study of the principles of design as applied to dress. Planned especially for students qualifying to teach vocational home economics under the Smith-Hughes Act. Prerequisite, a general course in art. (3) MISS ARNOLD.

146p. **Advanced Dress Design.** A continuation of the foregoing course, planned especially for students who wish to specialize in dress design. (3) MISS ARNOLD.

150f and sp. **The Clothing Problem.** Prerequisites, home economics 51 and 52, physiology, or organic chemistry. A study of the selection, construction, and care of clothing for the infant, child, and adult from the hygienic, social, and economic standpoints. This includes a study of textile fabrics. (5) MISS CATON.

151w and sm. **Advanced Clothing.** Prerequisite, home economics 150 and design. A continuation of course 150, with special application of the principles of art, economics, sociology, and hygiene to the costume. (5) MISS GLEASON.

170f. **Methods of Extension Teaching in Home Economics.** Designed for training students for home economics extension work. (Credit to be arranged.) MISS HEYLE.

175f and w. **Extension Practice Teaching in Home Economics.** Practice work in field, supervised by extension staff. (2) MISS HEYLE.

200f and 201w. **Home Economics Seminar.** The most recent work in various lines of home economics will be reviewed and discussed. Open only to specially prepared seniors and graduates. (1) MISS STANLEY.

205f and sp, and 206w. **Research in Food Preparation.** Special problems in food preparation investigated. Open only to those who have had course 120 and chemistry 25, or its equivalent. A knowledge of French and German is desirable. (Credit to be arranged.) MISS STANLEY.

210w. **Special Problems in House Furnishing.** A graduate course open only to those who have had courses 110 and 111. (Credit to be arranged.) MISS ARNOLD.

215f and 216w. **Supervision of Household Management.** A special course in household management for those planning to take charge of practice houses. Special problems investigated and laboratory work under supervision provided. (Credit to be arranged.) MRS. ROSA.

221f or w. **Problems in Nutrition.** Prerequisite, home economics 130. An extensive study will be made of special problems of interest in nutrition. (Credit to be arranged.) MISS STANLEY.

245f and 246w. **Special Problems in Dress Design.** Graduate course for students who have had 145 and 146. (Credit to be arranged.) MISS ARNOLD.

250f and sp, and 251w. **Research in Clothing.** Open only to those who have had all the undergraduate courses in clothing with their prerequi-

sites. A study of the problems involved in the hygiene and economics of the clothing supply. A reading knowledge of French and German is desirable. (Credit to be arranged.) Miss GLEASON.

## HORTICULTURE

1f and w. **General Horticulture.** An introductory course dealing with the planning, planting, and management of the home grounds, the home garden and the home orchard. Lectures and assigned readings. (3) MR. BRADFORD; MR. MAJOR; MR. ROSA.

3w. **Vegetable Gardening.** A general discussion on the culture of all the common vegetables. Two lectures and one laboratory period. (3) MR. ROSA.

5w. **Floriculture.** Principles and practice in the care and cultivation of decorative house plants, window boxes, etc. Textbook, lecture, laboratory. (2) and (3)

100f and sm. **General Pomology.** A course dealing with the establishment and maintenance of the commercial orchard. Lectures, assigned readings, and laboratory work. The student may register for the lecture course (2) or for both lectures and laboratory exercises (3) MR. GARDNER.

101w. **General Pomology.** A continuation of course 100. (2) or (3) MR. GARDNER.

102f and sp. **Elementary landscape Gardening.** A study of farm-home ground and city-lot planning. A study of the principles and materials used in home-ground ornamentation. Lectures and laboratory work. (3) MR. MAJOR.

103f and sp. **Ornamental Trees.** A study of the shade and ornamental trees used on private grounds, parks and cities; their character, habits, adaptation and care. (2) MR. MAJOR.

104w and sp. **Ornamental Shrubs.** A study of the shrubs and vines, native and cultivated, used in landscape gardening. Class and laboratory work. (3) MR. MAJOR.

105f. **Systematic Pomology.** A study of the classification, nomenclature, and adaptation of fruit varieties. Lectures, laboratory work and assigned readings. (5) MR. GARDNER.

106f. **Commercial Vegetable Growing.** The use of irrigation, fertilizers, spraying equipment, and forcing structures in vegetable growing, and discussions on truck crop production in the light of experimental work. Three lectures and one laboratory period. (3) or (4) MR. ROSA.

107w. **Civic Improvement.** Lecture course in the criticism of civic development, especially streets, parkings, public utilities and public grounds. Designed especially for students in journalism and civil engineering and others interested in public improvements. (1) MR. MAJOR.

108w. **Flower Gardens.** A study of the perennials, roses and plants for window boxes, used in landscape gardening. (2) MR. MAJOR.

112w. **Advanced Landscape Design.** A study of the theory and principles of landscape design, together with tracings and original designs of home, school, railroad, cemetery, and park gardening. Prerequisites, 102, 103, 107, and mechanical drawing or its equivalent. (3) MR. MAJOR.

113sp. **Spraying.** A study of spray materials, machinery, methods of application, and results. One lecture and one laboratory period. (2) MR. SWARTWOUT.

114f. **Fruit Handling.** The harvesting, grading, judging, packing,

storage, and marketing of fruit. Lectures, assigned readings, and laboratory exercises. (3) MR. SWARTWOUT.

115w and sm. **Evolution of Cultivated Plants.** A study of variations; their classification, causes, and transmissibility, especially as applied to the evolution and breeding of horticultural plants. Lectures and assigned readings. (3) MR. GARDNER.

116f, 117w, and 118s. **Special Problems.** Primarily for advanced undergraduates. Topics in landscape gardening, pomology, or vegetable gardening will be assigned to students who have adequate preparation. Hours by appointment. MR. GARDNER; MR. BRADFORD; MR. HOOKER; MR. ROSA; MR. MAJOR.

119w. **Vegetable Forcing.** The location, construction, and management of greenhouses and forcing frames, with discussions on crops. Practice in greenhouse work. Two lectures and one laboratory period. (3) MR. ROSA.

130w. **History and Literature of Horticulture.** A consideration of the more important factors in the evolution of horticultural science and of the influence of its more important workers and literature. Lectures and assigned readings. (2) MR. GARDNER.

131w. **Small Fruit Culture.** A course dealing with the planting, culture and harvesting of small fruits and grapes; two lectures and one laboratory period. (3) MR. SWARTWOUT.

200f, 201w, and 202s. **Special Investigation.** For graduates and advanced students. Special problems involving original investigations. Hours by appointment. MR. GARDNER; MR. BRADFORD; MR. HOOKER; MR. ROSA; MR. MAJOR.

210f. **Methods of Horticultural Research.** A study of methods of procedure in work of investigation, outlining problems, assembling and analyzing data, and presenting results. Lectures, assigned readings and problems. (2) MR. HOOKER.

215f and 216w. **Seminar.** A critical study of recent investigations in horticulture and of investigations in other fields as they relate to horticulture. (1) MR. HOOKER; MR. GARDNER.

## INDUSTRIAL ARTS

1f, w, sp, and sm. **Woodwork.** Mastery of woodworking, hand tools, problems of construction, quality of materials, and technical terminology relating to woodworking. (2) Arts. MR. SELVIDGE; MR. ———.

2f, w, and sp. **Metal Work.** Forging. Nature of cast iron, wrought iron, and steel. Forming, bending, welding and tempering. Oxy-acetylene welding and cutting. Benchwork in cold metals. Chipping, filing, fitting and polishing. (2) Arts. MR. ALLTON.

3f and sm. **Pattern Making and Woodturning.** Prerequisite, course 1. Study of the lathe, tools used, and processes involved in wood turning. The principles of draft, shrinkage, finish, coring, split patterns, and loose-piece patterns. Construction of typical patterns. Practice in bench and floor molding, supplemented by lectures and demonstrations. (2) MR. SELVIDGE.

4f, w, sp, and sm. **Machine Work.** Prerequisite, course 2. A study of the principles of modern machine shop practice, with practical work on machine tools. (f and w-4) (sp and sm-2) MR. MURRAY.

5sp and sm. **Tools and Materials.** Sharpening and care of tools,



source and supply of materials. Illustrated. Lectures and laboratory work. (1) MR. SELVIDGE.

50f, w, sp, and sm. **Elementary Art-Craft.** An introduction to the problems of construction and the fundamental principles of design as related to materials. Planned to meet the needs of students unaware of any artistic ability, but realizing the essential value of the elements of beauty in daily life. Projects in paper, cloth, leather, stenciling, and clay; the principles of costume design. (f, w-3) (sp, sm-2½) MISS DOBBS; MISS FISHER.

101f, w, and sp. **Advanced Art-Craft.** Prerequisite, elementary art-craft or introduction to art. Problems similar to those in course 50, but of greater difficulty. Block printing, wood carving used in ornamentation. Emphasis on projects relating to house furnishing. (f, w-3) (sp-2½) MISS DOBBS.

102w. **Bookbinding.** Problems suited to upper grammar grades and high school. Includes the making of books and binding of magazines. (2) MISS DOBBS; MISS FISHER.

103f and w. **Basketry.** Practical work with reeds, splints, raffia, and other materials. No prerequisites. (2½) MISS DOBBS.

106sm. **Art Metal.** Deals with problems of handwork in copper and brass. (1) MR. ———.

119sp. **Handwork for Rural Schools.** Related to rural school. Practical problems requiring limited equipment are presented. Occupations which may be carried on independently by one class while another is reciting are given especial attention. (2½) MISS DOBBS; MISS FISHER.

120f and sm. **Handwork for Primary Grades.** Related to the first three grades from the standpoint of the regular grade teacher. Develops a practical method of relating the fundamental processes of home and industrial life to the dominant interests of the child through the exercise of the constructive instincts and organized play. Special emphasis upon the use of handwork as a method of teaching primary subject-matter. (f-3) (sm-2½). MISS DOBBS; MISS FISHER.

121w and sm. **Handwork for Intermediate Grades.** Related to the fourth, fifth, and sixth grades. The use of handwork as an illustrative factor in teaching geography, arithmetic, history, literature, and the industries. Technique and organization of such forms of handwork as may be used successfully in the regular classroom by the regular teacher. Work in paper and cardboard, bookmaking, weaving of baskets and textiles, toy-making, and work in thin wood. (w-3) (sm-2½) MISS DOBBS; MISS FISHER.

130 sp and sm. **Furniture Construction.** Deals with the problems of design, construction, and finish of furniture. Use of woodworking machinery. (w-4) (sp, sm-2) MR. SELVIDGE.

133w. **Advanced Moulding and Foundry Practice.** A continuation of course 2f or w. Lectures and demonstrations. (3) MR. ———.

134f. **Advanced Pattern Making.** A continuation of course 3f or w. Design and construction of patterns for a complete machine. (3) MR. ———.

135f. **Advanced Forge Work.** A continuation of course 2f or w. Use of power hammer. Some attention to art-craft forging. (3) MR. ALLTON.

136f and w. **Advanced Machine Work.** A continuation of course 4f. Intended for students desiring to specialize in machine work. (3) MR. JAEGER.

## ITALIAN

See Romance Languages, page 209.

## JOURNALISM

See announcement, pages 129.

- 100f. **History and Principles of Journalism—to 1850.** (3) MR. WILLIAMS.
- 101w. **History and Principles of Journalism—since 1850.** (3) MR. WILLIAMS.
- 102w. **Comparative Journalism.** Study of foreign and American newspapers. (2) MR. WILLIAMS.
- 103f, w, and sp. **The News.** Methods of gathering news; the work of press associations; the writing of news; news values. (3) MR. MARTIN.
- 104f and w. **Reporting I.** Prerequisite, course 103. Assignments on daily newspaper. (3) MR. MARTIN; MR. MANN.
- 104sp and sm. **Reporting I.** (1½) MR. MARTIN; MR. MANN.
- 105f and w. **Copy Reading I.** Prerequisite, except by permission, course 104. Editing newspaper copy and writing headlines. (3) MR. MANN; MISS LOCKWOOD.
- 105sp and sm. **Copy Reading I.** (1½) MISS LOCKWOOD.
- 106f and sp. **The Editorial.** Open only to seniors. Preparation and presentation of the editorial page. (3) MR. WILLIAMS; MR. CHILDERS.
- 107w and sm. **Editorial Writing.** Open only to seniors. (3) MR. WILLIAMS; MR. CHILDERS.
- 108f and w. **Reporting II.** Continuation of Reporting I. (3) MR. MARTIN; MR. MANN.
- 108sp and sm. **Reporting II.** (1½) MR. MARTIN.
- 109f. **Literary and Dramatic Reviewing.** A study of selected stories, poems and dramas for the purpose of developing literary discrimination. Practice in writing criticisms and reviews. (3) MR. TISDEL.
- 110f. **The Newspaper Library.** Use of reference books; selection and filing of clippings, photographs, mats, cuts, etc. (1) MISS LOCKWOOD.
- 111f and sp. **Advanced News Writing.** Practice in preparing timely special articles, and study of the sources of assignments for such articles. Open only to seniors. Prerequisite, course 104 and preferably course 108. (3) MR. MANN; MISS LOCKWOOD.
- 112f and w. **Newspaper Illustration.** Prerequisite, courses in the theory and practice of art. Laboratory courses in general professional illustration. (5) MR. BILL.
- 113f and w. **Newspaper illustration II.** Continuation of course 112. (5) MR. ANKENNEY; MR. BILL.
- 114f, w, sp, and sm. **Newspaper Direction.** Open only to seniors. Conduct of newspapers from the editorial point of view. (1) (2) or (3) MR. WILLIAMS.
- 115f, w, and sp. **Principles of Advertising.** Advertising in its relation to modern business activities. (3) MR. SMITH.
- 116f, w, and sp. **Writing of Advertising.** Prerequisite, course 115. Preparation of advertising copy and campaigns. (3) MR. SMITH.
- 117f, w, and sp. **Advanced Writing of Advertising.** Prerequisite, course 116. (3) MR. SMITH.
- 118f and w. **Selling of Advertising I.** (5) MR. SMITH.

118sp and sm. Selling of Advertising I. ( $2\frac{1}{2}$ ) MR. SMITH.

119f and w. Selling of Advertising II. Continuation course. (5) MR. SMITH.

119sp and sm. Selling of Advertising II. ( $2\frac{1}{2}$ ) MR. SMITH.

120f and w. Reporting III. Continuation course. (3) MR. MARTIN.

120sp and sm. Reporting III. ( $1\frac{1}{2}$ ) MR. MARTIN.

121w. Feature Writing. Not open to first-year students. Writing of special stories, with opportunity for use of camera for illustration. (1) or (2) MR. MARTIN; MISS LOCKWOOD.

122w. Photo-Illustration. Halftone and line-etching methods. (1) or (2) MR. SMITH.

123f and w. Advertising Problems. Open only to seniors. Special merchandising and advertising problems. (3) MR. SMITH.

124f and w. Advertising Design. Lettering and preparation of layouts. (3) MR. SMITH.

125sm. School News and Publications. Primarily for teachers. Construction of the news story, preparation of articles for newspapers or teachers' magazines, supervision of student publications. (3) MR. MARTIN; MR. MANN.

126f and w. Copy Reading II. Continuation course. (3) MR. MANN; MISS LOCKWOOD.

126sp and sm. Copy Reading II. ( $1\frac{1}{2}$ ) MR. MANN; MISS LOCKWOOD.

127w. The Agricultural Press. Writing for and editing agricultural publications. (3) MR. CHILDERS.

128f and w. Copy Reading III. Continuation course. (3) MR. MANN; MISS LOCKWOOD.

128sp and sm. Copy Reading III. ( $1\frac{1}{2}$ ) MR. MANN; MISS LOCKWOOD.

130w. Law of Libel and Privacy. (3) MR. ———.

131w. Advanced Newspaper Illustration. Prerequisite, courses 112 and 113. Individual problems; specialization in newspaper and magazine illustration; cartooning and advertising design. (5) MR. ANKENY; MR. SMITH.

132w. Advanced Newspaper Illustration II. Continuation of course 131. (5) MR. ANKENY; MR. SMITH.

133sp and sm. The Country Newspaper. Content, make-up and policies of rural journals. (3) MR. CHILDERS.

134w. Trade and Technical Journalism. Training for writing for, and work on, trade and technical papers. Preparation of house organs. (3) MR. CHILDERS.

135w and sm. Office Management. Office system in handling newspaper business. (1) MR. CHILDERS.

142sp and sm. Newspaper Illustration. ( $2\frac{1}{2}$ ) MR. ANKENY.

143sm. Newspaper Illustration II. ( $2\frac{1}{2}$ ) MR. ANKENY.

147sp and sm. Advanced Newspaper Illustration. ( $2\frac{1}{2}$ ) MR. ANKENY.

148sm. Advanced Newspaper Illustration II. ( $2\frac{1}{2}$ ) MR. ANKENY.

150w. Agricultural Advertising. Advertising as it relates to the farm and the farmer. (3) MR. CHILDERS.

151sp and sm. Principles of Typography. Consideration of type and other mechanical equipment. (1) MR. CHILDERS.

152w. Newspaper and Magazine Departments. Designed to train



women to write for and edit special departments, such as children's pages, departments of household management, fashions, interior decorating, etc. (3) MISS LOCKWOOD.

201f, w, sp, and sm. **Research in Journalism.** (1), (2), (3), or (4). MR. WILLIAMS; MR. MARTIN; MR. MANN; MR. SMITH.

## LATIN

10f. **Cicero's Orations.** Open to students entering with two entrance units. Selected orations and letters of Cicero; training in syntax and forms of the Latin language. (5) MISS CAUTHORN.

15sp. **Sallust's Catiline.** Intended primarily for teachers of high school Latin, but open to students who have had two years in Latin. (2½) MISS CAUTHORN.

20f, w, and sm. **Virgil's Aeneid.** Prerequisite, three entrance units in Latin. Study of subject matter, form, prosody, and syntax. (5) (sm-2½) MISS CAUTHORN; MR. ———.

30f. **Cicero's Essays on Friendship and Old Age.** Prerequisite, course 10 or three entrance units in Latin. Careful review of forms and syntax. (5) MR. MILLER.

35w. **Sallust's Jugurtha.** Prerequisite, course 10 or three entrance units in Latin. (3) MR. MILLER.

40w. **Ovid: Selected Poems.** Prerequisite, course 20 or course 30, or four entrance units in Latin. (2) MR. MILLER.

50f, w, sp, sm. **Latin Prose Composition.** First course. (1) MISS CAUTHORN; MR. ———.

70f. **Horace: Satires and Epistles.** Prerequisite, courses 20 and 30, or equivalent. (3) MR. MILLER.

80w. **Horace: Odes and Epodes.** Prerequisite, course 70. (3) MR. MILLER.

85sm. **Horace: Selections from the Works.** Prerequisite, courses 20 and 30, or equivalent. (2½) MR. ———.

101w. **Latin Prose Composition.** Advanced course. Prerequisite, course 50. (1) MISS CAUTHORN.

103f and 104w. **Roman Public and Private Life.** Not given in 1922-3. Prerequisite, courses 30, 70, and 80. Reading of Cicero's correspondence and Juvenal's satires. (3) MISS JOHNSTON.

106f and 108w. **Catullus and the Elegiac Poets.** Prerequisites, courses 30, 70, and 80. Selected poems of Catullus, Tibullus, Propertius, and Ovid. (3) MISS CAUTHORN.

109w. **Latin Comedy.** Not given in 1922-3. Prerequisite, courses 30, 70, and 80. Representative plays of Plautus and Terence. (3) MISS JOHNSTON.

110sp. **Tacitus: Annals.** Prerequisite, courses 30, 70, and 80. (3) MISS CAUTHORN.

115f and 116w. **Rapid Reading.** Prerequisite, courses 103 and 104, or equivalent. History of Latin literature, with readings from authors representative of each period. (2) MR. MILLER; MISS CAUTHORN.

125f. **Lucretius.** Not given in 1922-3. Prerequisite, courses 30, 70, and 80. (3)

217f and w. **Seminary.** The graduate work in Latin centers in the Seminary. The subject for the year 1922-3 will be a critical study of the Latin comedy, with interpretation of selected plays of Plautus and Terence, and papers and discussions by the members. (3) MISS JOHNSTON.

220sp and sm. **Virgil's Aeneid.** Intended primarily for teachers. Comparative literary study of epic poetry; structure and versification; antiquities and topography. (3) MR. MILLER.

Teaching of Latin. See Education H125f.

## LAW

### REQUIRED COURSES FOR THE FIRST YEAR

100f. **Contracts.** Mutual assent; consideration; contracts under seal; beneficiaries of contracts. (4) MR. PARKS.

102w. **Contracts.** Course 100 is a prerequisite. Assignment of contract; express conditions; conditions implied in law; illegality. (2) MR. PARKS.

103f. **Torts.** Trespass, conversion, deceit. (3) MR. LANGMAID.

104w. **Torts.** Course 103 is a prerequisite. Extra-hazardous occupation, interference with business and social relations and other topics. (3) MR. LANGMAID.

105f. **Property I. Personal Property.** Distinction between real and personal property; suits for recovery of personal property; acquisition of rights without concurrence of former owner; transfer of rights in personal property; possession, including bailment and finding. (3) MR. SIMONTON.

106w. **Property I. Real Property.** Tenure; estates; seisin and conveyances; uses and trusts; fixtures, emblements; waste; natural rights; profits; easements; covenants running with the land. (3) MR. SIMONTON.

107f. **Criminal Law.** Jurisdiction; the criminal act, complete and incomplete; criminal intent, actual and constructive; insanity; intoxication; duress, and mistake of fact or law; justification; parties in crime; crimes against the person; against property. (3) MR. SEARS.

108w. **Common Law Pleading.** Essentials of declarations in trespass, case, trover, special and general assumpsit, debt, covenant and replevin; demurrers; pleas, replication *de injuria*, departure; motions based on the pleadings. (3) MR. McBAINE.

110w. **Agency.** Who can be agent or principal; appointment; power of agent to subject principal to liability for contracts and torts; agent's responsibility to strangers; parties to writing; undisclosed principal; reciprocal duties of agent and principal; delegation by agent; termination of agency; ratification. (3) MR. SEARS.

### REQUIRED COURSES FOR THE JUNIOR YEAR

120f and w. **Equity I.** General nature of equity jurisdiction; specific performance of contracts; specific reparation of torts. (2) and (2) MR. LANGMAID.

121f and w. **Code Pleading.** Forms of civil actions. Parties to actions; the "real party in interest;" joinder of parties. The complaint: facts distinguished from conclusions of law and evidence; the statement of facts; the prayer for relief; the union of several causes of action. (2) and (2) MR. McBAINE.

123f and w. **Evidence.** Trial by jury; judicial notice; presumptions and burden of proof; demurrers to the evidence; admission and confessions. Leading rules of exclusion; matters likely to mislead; collateral issues; character of the parties. Hearsay; exceptions to hearsay rule. (2) and (3) MR. SEARS.

## REQUIRED COURSES FOR THE SENIOR YEAR

150f and 151w. **Practice.** Commencement of actions; issuance and service of process; demurrers to the pleading; demurrers to the evidence; trial of issues of fact; declarations of law and instructions; verdict and judgment; motion for new trial and in arrest of judgment; exceptions; writs of error and appeal. The first part of the course includes a study of the theory of trials; the second part, the actual trial of practice cases. (4) and (1) MR. McBAINE.

*Course 150f alone is required if the student in all other respects completes the work necessary for the degree at the end of the fall term.*

## ELECTIVE COURSES OF THE JUNIOR YEAR

125f. **Property II. Conveyancing.** Accretion; lapse of time; form and operation of conveyances; execution of deeds; creation of easements and profits; covenants for title. (4) MR. SIMONTON.

126f. **Property II. Wills and Administration.** Escheat; descent and distribution; making and operation of wills; probate and administration; executors and administrators. (3) MR. SEARS.

127w. **Sales.** Subject-matter; executory and executed sales; effect of fraud; rights and remedies of the seller, and of the buyer; commercial statutes. (3) MR. SIMONTON.

128w. **Bills and Notes.** Formal requisites; negotiability; acceptance; endorsement; rights of holders; liabilities of parties; presentment, protest and notice; law of negotiable instruments. (3) MR. SIMONTON.

**Political Science and Public Law.\*** 109f and sp, International law.

**Political Science and Public Law.\*** 127, Principles of administration.

## ELECTIVE COURSES OF THE SENIOR YEAR

151f. **Trusts.** Nature and requisites of express trusts; nature of *cestui que* trust's interest; resulting and constructive trusts; transfer of trust property; duties of trustees. Course 112 is a prerequisite for admission to this course. (3) MR. LANGMAID.

152f and w. **Private Corporations.** The nature of a corporation; distinguished from partnership; disregard of the fiction; formation; powers; *de facto* corporations. (2) and (2) MR. PARKS.

154f and 155w. **Constitutional Law.** Power of courts to pass on constitutionality of laws; general relation of the three departments to each other and of the states to the national government; general jurisdiction of the national government; due process of law; equal protection of laws; police power; taxation; eminent domain; commerce power; *ex post facto* laws, laws impairing obligation of contracts. (2) and (3) MR. LOEB.

156f. **Conflict of Laws.** Jurisdiction of courts and of sovereigns over persons and things; domicile; taxation; divorce; remedies; rights of action; procedure; creation of rights; personal and real, by inheritance, by contract and by tort; recognition and enforcement of rights and personal relations; administration of estates; recognition and enforcement of foreign judgments. (3) MR. PARKS.

---

\*These courses in the School of Business and Public Administration may be selected as electives by students in the School of Law, during their second and third years, toward the degree of Bachelor of Laws. Credit will not be given in the School of Law for these courses if taken by a student before entering the School of Law, or during his first year in the school.



**157w. Future Interests.** Conditions and future interests; executory devises; powers; rule against perpetuities; illegal conditions and restraints on alienation; priority of grantees; fraudulent conveyances; registration; conversion and election; joint ownership; curtesy and dower. (3) MR. PARKS. (Omitted 1922-23.)

**159w. Quasi Contracts.** Nature of; benefits conferred by mistake, under partially performed contract, under compulsion, or voluntarily without contract. (3) MR. LANGMAID.

**160w. Suretyship.** Nature of the contract; the statute of frauds; surety's defenses against the creditor; the surety's rights, subrogation, indemnity, contribution, exoneration; creditor's rights to surety's securities. (3) MR. LANGMAID. (Omitted 1922-23.)

**161w. Mortgages.** Form of legal mortgage; title and lien theory; substance and element of mortgage; mortgagee and mortgagor; transfer; competition for the mortgage, priority, marshalling. (3) MR. PARKS.

## ELECTIVE COURSES FROM WHICH SPRING-SUMMER TERM CURRICULUM WILL BE ARRANGED

**130sp. Public Service Companies.** Privately-owned businesses subject to extraordinary duties of service to the public; services to be rendered; discrimination; adequate facilities, reasonable charges, governmental regulation. (2) MR. SEARS.

**132sp. Insurance.** Fire; marine; life; mutual benefit; accident and fidelity and guaranty; formation, construction and terms of contract; standard policies; warranties and representations; waiver, estoppel; subrogation; insurance agents. (3) MR. McBAINE.

**134sp. Persons.** Parent and child, custody, support, property, earnings, emancipation, actions for damages to parental right in child; liability for torts of child. Husband and wife; rights and disabilities at common law; wife's separate estate in equity; rights and liabilities under modern statutes. (3) MR. PARKS.

**135sp. Damages.** Functions of court and jury; exemplary damages; liquidated damages; nominal damages; direct and consequential damages; avoidable consequences; counsel fees; certainty, compensation; damages for nonpecuniary injuries; value; interest; damages in certain tort and contract actions. (3) MR. McBAINE.

**136sp. Bankruptcy.** Who may be bankrupt; who may be a petitioning creditor; acts of bankruptcy; what property passes to trustee; provable claims; protection, exemption, and discharge of bankrupts. (2) MR. LANGMAID.

**137sp. Extraordinary Legal Remedies.** Mandamus; quo warranto prohibition; certiorari; habeas corpus. (3) MR. McBAINE.

**139sp. Common Carriers.** The carrier's undertaking; common carrier of goods; passengers and baggage; obligations of shipper and passenger; exceptional liability of common carrier; carrier's duty to serve, etc. (3) MR. SEARS.

**140sp. Municipal Corporations.** Nature of municipal corporations; creation, alteration, and dissolution; legislative control in general; administration of government in general, departments, including governmental functions, quasi-governmental functions and commercial functions; powers; acquiring, holding and dealing with property; liability for torts; liability for contracts; remedies of creditors. (3)

141sp. **Jurisdiction of Federal Courts.** District courts, organization, jurisdiction, removal of causes, etc.; circuit court appeals, jurisdiction; supreme court jurisdiction; common jurisdiction of state and federal courts, etc. (3) MR. McBAINE.

Wheaton's *Cases on Federal Procedure*.

## MATHEMATICS

*Students entering without entrance credits in mathematics and desiring to elect courses given in this department should consult with the chairman.*

1f and w. **General Mathematics.** This course will be given as a course of lectures, two hours per week, with one hour of recitation. It is not intended for students preparing for higher mathematics, but for those who wish to know the general nature of mathematics and its uses. Prerequisite, one entrance unit in mathematics. (3) MR. HEDRICK.

2f and w. **Trigonometry and Algebra.** Prerequisite, one unit in algebra for entrance. The trigonometry and the algebra may be elected separately in the last half of the spring-summer term. Those who prove themselves especially capable are transferred to course 3. Credit in course 1 and credit in course 2 will be allowed if the election of both courses is approved by the chairman of the department. (5)

2T, sp and sm. **Trigonometry.** (2½)

2A, sp and sm. **College Algebra.** (2½)

3f. **Elementary Analysis.** This course may not be elected directly. Students selected from course 2 will be transferred to this course. A short course, containing a review of advanced algebra, a short course in trigonometry, and the elements of analytic geometry. (5)

4f, w, sp, and sm. **Analytic Geometry.** Prerequisite, course 2, of which it is the natural continuation. Plane and solid analytic geometry and introduction to the calculus. (5)

5f, w, sp, and sm. **Differential Calculus.** Prerequisites, courses 2 and 4, or, with special permission, course 3. (3)

6f, w, sp, and sm. **Integral Calculus.** Prerequisite, course 5 of course 7. (3)

*Before electing any of the courses which follow, the student should consult the instructor. Except where noted, the calculus is a prerequisite.*

*Courses 100 and 101 are prerequisite to all courses above 200 except 251.*

100f, sp, and sm, and 101w. **Second Course in Calculus.** This course should be taken by all wishing to specialize in mathematics. (3) MR. HEDRICK.

105f. **Advanced Algebra.** Prerequisites, courses 2 and 4. This course will include determinants, theory of equations, and applications of algebra to geometry. (3) MR. INGOLD.

107f and w, and 108w. **Advanced Calculus for Engineers.** This course will complete the elementary calculus, and will include elements of differential equations and applications to engineering subjects. (3)

120f and 125w. **Differential Equations and Their Applications.** (3)

155f and w. **The Mathematics of Business and Insurance.** Prerequisite, course 1 or its equivalent. The fundamental methods and computations involved in annuities, depreciation, sinking funds, stock and bond calculations. (3) MR. WESTFALL.

160w. **Probabilities and Statistics.** Prerequisite, course 1 or its equivalent. (3) MR. WESTFALL.

200f, w, sp, and sm. Seminar. This may be elected repeatedly in different terms for different work. Hours to be arranged.

*The following courses will be given in alternate years:*

210w. Differential Geometry. (3) MR. INGOLD.

215w. Projective Geometry. (Not offered in 1922-23.) (3) MR. INGOLD.

220f. Introduction to Mathematical Physics: Development in Series. General theorems. Fourier Series and allied series. Differential equations of physics. (3)

225w. Introduction to Mathematical Physics: Potential Functions. (3)

230f and 231w. Theory of Functions of Real Variables. (3) MR. HEDRICK.

240f and 241w. Theory of Functions of Complex Variables. (3)

*The following courses are offered from time to time, but not necessarily every year:*

251f or w. Actuarial Seminar. Investigations and readings in actuarial and other statistical problems. (3) MR. WESTFALL.

260f or w. Theory of Groups. (3)

265f or w. Vector Theory. (3)

270f or w. Theory of Differential Equations. (3)

275f or w. Theory of Numbers. (3)

280f or w. Calculus of Variations. (3)

## MECHANICAL ENGINEERING

### *Design*

101f and w. Machine Design, A. Prerequisites, engineering drawing 1 and 2, materials of construction and three hours of mechanics of engineering. Practical application of theory to the design of machine parts, with problems on specific machines. (4) MR. NEWTON.

102f. Technology of Metals. Prerequisites, all required industrial arts, preceded or accompanied by materials of construction. The production and physical properties of the metals used for machinery. (2) MR. HIBBARD.

103w. Machine Design, B. Prerequisites, machine design A and all required work in mechanics of engineering. A continuation of course 101, particular attention being paid to machines subjected to dynamic forces. Mathematical and graphical analyses. Complete working drawings. (3) MR. NEWTON.

104f. Machine Design, C. Prerequisite, machine design, B. Design and construction of some machine tools used in shopwork. (2) MR. NEWTON.

201f and w. Special Machine Design. Advanced work in kinematics, graphics, materials and the design of apparatus and machinery for specific work. Credit to be arranged. MR. NEWTON.

### *Industrial Engineering*

111f and w. Management Engineering. Prerequisites, all required industrial arts. The fundamental principles of industrial efficiency applicable to manufacturing, power-house operation, construction or other engineering business. (3) MR. HIBBARD.



211w. **Shopwork Engineering.** Advanced analyses in production-engineering. Industrial betterment. New mechanisms in scientific management. Tests in laboratory and in commercial plants. (2) MR. HIBBARD.

*Testing and Experimental Engineering*

121f and 122w. **Mechanical Laboratory, A.** Prerequisites, heat machinery A, accompanied by heat machinery B. Accuracy and adaptability of measuring instruments and commercial testing of various kinds of heat machinery. (2) MR. WHARTON.

123f. **Mechanical Laboratory, B.** Prerequisite, mechanical laboratory A. Tests demonstrating thermo-dynamic and economic characteristics of steam, gas, and oil engines, boilers, gas producers, air compressors, steam turbines, hydraulic motors. (2) MR. WHARTON.

221f and w. **Special Mechanical Laboratory.** Advanced work in experimental engineering research. (Credit to be arranged.) Offered by members of the staff in their respective lines.

*Power Engineering*

131f and w. **Heat Machinery, A.** Prerequisite, physics 3f. A general course treating of the operation, functions and relations of power plant equipment, accompanied by laboratory exercises and elementary thermodynamics. (3) MR. HIBBARD.

132f and 133w. **Heat Machinery, B.** Prerequisite, heat machinery, A. Relations between heat and mechanical energy. Useful heat properties of solids, vapors and gases. Mechanics of steam engines, boilers, turbines, internal combustion motors. (3) MR. WHARTON.

134f. **Steam Power Plants.** Prerequisite, heat machinery, B. Problems in creation, operation, or modernizing of a power or other engineering property. Graphic analysis. Effect of fixed charges, indirect cost, depreciation, obsolescence. (4) MR. HIBBARD.

135f. **Steam Turbines.** Prerequisite, heat machinery, B. Design of turbines, problems in balancing, nozzles, vanes, shafts. Economy. (2) MR. NEWTON.

231w. **Applied Thermodynamics.** Prerequisite, heat machinery, B. The advanced theory and practice of heat transformations and appliances related to commercial economy in heat machinery. MR. WHARTON.

234f and 235w. **Gas Engineering.** Prerequisites, machine design, B; heat machinery, B. Production, preparation, transmission, and use of industrial gases, together with the theory and practice of internal-combustion motors. (2) MR. NEWTON.

*Power Application*

151f. **Heating and Ventilation.** Prerequisite, heat machinery, A. Principles of heating and ventilation. Methods of warming by hot air, water, and steam. Design of heating and ventilation plants. (3) MR. NEWTON.

154f. **Refrigeration, A.** Prerequisite, heat machinery, B. Artificial production of cold; cycles, efficiency, capacity, economic considerations. Compression and absorption machinery. Insulation. Tests. (3) MR. WHARTON.

251w. **Refrigeration, B.** Prerequisite, refrigeration, A. Designs, plan specifications, estimates for one or more selected studies, as: ice factory, cold storage, etc. Research, tests, appraisals, management. Credit to be arranged. MR. WHARTON.

261f and 262w. **Railway Mechanical Engineering.** Prerequisites vary with group elected. 1. Locomotive design. 2. Locomotive operation. 3. Car design. 4. Railway shops. (2) MR. HIBBARD.

### *General*

171w. **Seminar.** Discussions upon previously arranged engineering journals. Technical indexes, methods of classification and filing for catalogs, drawings, correspondence, and data. (1) MR. HIBBARD.

## MECHANICS

100w. **Mechanics of Engineering.** An introductory course in statics. Prerequisite, six hours of calculus. (3) MR. DEFOE.

101f. **Mechanics of Engineering.** Mechanics of materials, statics, dynamics. Prerequisites, mechanics 100, and nine hours of calculus. (5) MR. DEFOE.

112f or w. **Advanced Mechanics.** Problems in dynamics. (3) MR. DEFOE.

205f or w. **Elasticity.** Mathematical theory of elasticity. (3) MR. DEFOE.

## MEDICAL BACTERIOLOGY AND PREVENTIVE MEDICINE

1f, w, and s. **Preventive Medicine.** Open to all students of the University. No credit allowed in the medical curriculum. (2) MR. RAVENEL.

101w. **General Hygiene.** Prerequisite, course 102. Deals in a somewhat detailed manner with the fundamental principles of public and personal hygiene. (2) MR. RAVENEL; MR. BUCKELL.

102w. **Medical Bacteriology.** Prerequisite, botany, course 3. Subject studied includes relation of bacteria to disease; the fundamental principles of immunity, serum diagnosis, serum and vaccine therapy. Includes also the study of the best-known diseases caused by protozoa. (4) MR. RAVENEL; MR. BUCKELL.

201f or w. **Advanced Bacteriology.** Elective. Prerequisite, course 102. Amount and character of work will depend on needs and qualifications of student. MR. BUCKELL.

202f or w. **Research.** Elective. Prerequisite, course 102. A reading knowledge of French and German recommended. MR. RAVENEL.

203f or w. **Conduct of Public Health Laboratories.** Elective. Prerequisites, courses 102 and 201. MR. RAVENEL; MR. BUCKELL.

## MEDICINE

See announcement of curriculum on page 112.

Anatomy and Histology, page 153.

Medical Bacteriology and Preventive Medicine, page 197.

Pathology, page 202.

Physiology and Pharmacology, page 206.

## METEOROLOGY

**1w. Meteorology.** The earth's atmosphere; its composition, temperature, pressure, and general circulation. Weather and climate, and the relation to health, habitability, occupations, and soil products. Weather forecasting, local and general. Open to all students. (1) MR. REEDER.

## MILITARY SCIENCE AND TACTICS

### *Infantry Basic Course*

The following progressive courses of instruction are prescribed by the War Department for Infantry Units of the Reserve Officers' Training Corps:

### *Subjects and Scope*

**First Term. Theoretical:** Courtesy, discipline, and leadership; infantry drill regulations: instruction in close and extended order, to include the schools of the soldier, squad, platoon, and company.

**Physical Training:** Talks on the need for and object of physical training; instruction in methods of individual and mass training.

**Practical:** Instruction in infantry drill; rifle marksmanship; nomenclature and care of the rifle; various steps in rifle practice; effect of weather conditions; sight changes; score book; gallery practice; range practice for selected men; method of coaching; general rules and definitions.

**Second Term. Theoretical:** Interior guard duty; individual infantry equipment; scouting and patrolling; principles governing the composition, formation, and operation of reconnoitering patrols by day and at night; differences in operating in open warfare and warfare of position.

**Rifle Marksmanship:** Lectures and talks explanatory of the general scheme and principle of rifle marksmanship.

**Practical:** Instruction in guard duty; practice in making up the infantry pack; scouting and patrolling; gallery practice; rifle practice on target range with service ammunition, for selected men; infantry drill and ceremonies.

**Third Term. Theoretical:** Military topography and map reading; military hygiene, sanitation, and first aid; personal hygiene; foods and their preparation; hygiene of camps and barracks; sanitation of localities; first aid to the injured.

**Practical:** Exercises in map reading; practice in making road and area sketches; combined sketching; panoramic sketching; sand-table demonstrations and problems in camp sanitation; demonstrations in first aid to the injured.

**Fourth Term. Theoretical:** Musketry; weapons of the infantry squad; theory of fire; fire discipline; fire control; fire and movement; conduct of fire in attack and defense; use of cover; signals; designation of targets; duties of leaders.

**Infantry Weapons—The Bayonet:** The spirit of the bayonet; team work.

**The Automatic Rifle:** Lessons on the history, characteristics, marksmanship of the weapon, and the organization and equipment of auto-riflemen.

**Hand and Rifle Grenades:** Instruction in the construction and handling of the weapons, including explosives.



*Practical:* Musketry exercises, demonstrations and tests, using sand-table, landscape targets, and terrain; use of tracer ammunition.

**Bayonet Training,** to include the assault course.

**Automatic Rifle:** Mechanics (stripping, assembling, functioning); immediate action; marksmanship, to include instruction up to range practice.

**Hand and Rifle Grenades:** Individual instruction with dummy and improvised grenades.

**Command and Leadership:** Exercises in squad, section, and platoon leadership; infantry drill and ceremonies.

### *Infantry Advanced Course*

**Fifth Term. Theoretical:** Field engineering; instruction to include the principles and methods of military field engineering in various types of trenches, obstacles, shelters, machine-gun emplacements, observation posts, etc.; organization of working parties and tasks; selection of location for works of defense; concealment and camouflage; road building.

**Military Law and Rules of Land Warfare:** Military jurisdiction; persons subject to military law; courts-martial; procedure prior to, and during, trial; evidence; summary and special courts; records of trial; the articles of war.

Written and unwritten rules of land warfare; hostilities; armed forces of belligerents; prisoners of war; the sick and wounded; espionage and treason; bombardments and sieges, and assaults; intercourse between belligerents; flags of truce; capitulations; armistices; passports; administration of occupied territory; neutrality; belligerents, interned, etc.

**Military Engineering. Practical:** Solution of military engineering problems, using maps, sand-table, and terrain; construction of miniature bridges, trenches, obstacles, etc.

**Sixth Term. Theoretical:** Accompanying weapons.

**Machine Gun:** Development of the machine gun; the theory of fire; targets and ranges; direct, indirect, and overhead fire; night firing; methods of obtaining firing data.

**The 37-mm. Gun (One-Pounder):** History of the weapon; direct, indirect, and overhead fire; observation and adjustment of fire.

**The Light Mortar:** History of the weapon; laying the mortar; kinds of fire; observation and adjustment of fire.

**Minor Tactics:** Estimate of situation; map problems.

**Infantry Drill Regulations,** to include the battalion and regiment.

**Sixth Term. Practical:** Accompanying weapons.

**Machine Gun:** Nomenclature, use, care, and repair of; mechanics (stripping, assembling, functioning); immediate action; exercises and demonstrations; direct and indirect fire; use of instruments; ranges and targets; elementary and barrage drill; firing on 1,000-inch range.

**37-mm. Gun:** Mechanics (stripping, assembling, functioning); construction, care, and operation of the gun; types of ammunition; school of the one-pounder section; exercises and demonstrations in direct and indirect fire.

**The Light Mortar:** Construction, care, and operation of the gun; mechanics (stripping, assembling, functioning); assembling and functioning of bombs.

**Minor Tactics:** Map problems, demonstrating various tactical principles; terrain exercises.

**Command and Leadership:** Students are placed in command of squads, platoons, and companies in all the practical exercises and are taught to combine the theory of the classroom with practice on the field.

**Seventh Term. Theoretical:** Military history. Facts of American military history, including the World War, as to: The source and authority for our military establishment; the development of our military resources and the military strength of the United States; the traditional military policy of the United States.

**Tactics:** General view of the organization and conduct of the battalion and higher units; principles governing the organization, armament, and conduct of the rifle, machine-gun, howitzer, and headquarters companies, in offensive and defensive combat; tactical principles governing conduct of the platoon and smaller units; details of organization, equipment, and tactical employment of the rifle company, machine-gun company, and howitzer company platoons combined action; principles governing the employment and details of conduct of covering detachments.

**Command and Leadership. Practical:** Practice in commanding platoons, companies and battalions in drill and tactical problems.

**Eighth Term. Theoretical:** Continuation of tactics begun in seventh term.

**Administration:** Lectures on the practical administration of a company, including interior economy and the management of the soldier.

**Military Law:** A continuation of the subject from fifth term.

**Pistol Marksmanship:** Nomenclature and care of the pistol; manual of the pistol; pistol firing; instruction and record practice; targets; miscellaneous data.

**Practical:** Practical problems in tactics; preparation of papers pertaining to the administration of a company; military correspondence; study of War Department forms; disposition of orders, bulletins, and circulars; moot-courts; records of trial; forms of specifications and charges; disposition of records.

**Command and Leadership:** Practice in commanding various units in drills, ceremonies, and field exercises.

#### *Field Artillery Basic Course*

**First Term. Fundamentals of Military Science:** Principles of organization, hygiene, military courtesy and discipline; school of the soldier, squad, section and battery dismounted; care and handling of the pistol and pistol practice.

**Physical Education:** Practical equitation and horsemanship.

**Second Term. Field Artillery Drill Regulations:** Gunnery, simple definitions and the elements of the trajectory, determination of firing data, exercises preliminary to firing battery drill, the firing battery.

**Ordnance and Material:** Guns—types, construction, principles of design; study of all guns mentioned in connection with field artillery equipment; artillery ammunition, fire control instruments, sights, quadrants, and fuse setters.

**Physical Education:** Practical equitation and horsemanship.

**Third Term. Topography:** Maps and mapping, traverses, area sketches, road sketches, intersection, resection, panoramic sketching.

**Reconnaissance:** Scouting, carrying information, service of information, use of field artillery special details.

**Fourth Term.** *Field Artillery Motors and Motor Transportation:* Gas engines, theory, mechanical design, construction, driving, maintenance.

*Mounted Instruction:* The soldier mounted, driving and draft.

*Physical Education:* Practical equitation and horsemanship in both terms of sophomore year.

#### *Field Artillery Advanced Course*

**Fifth Term.** *Field Artillery Gunnery:* Dispersion and the application of its laws, range tables, atmospheric effects, corrections of the moment, action, and effect of projectiles and fuses.

*Field Artillery Firing:* Firing instruction, preparation of fire, determination of firing data, conduct of fire, principles of fire, governing conduct of fire in open warfare and stabilized warfare and the relative importance of each.

**Sixth Term.** *Communication and Engineering:* Means of communication, communication lines, artillery nets, field engineering, including types and construction of battery emplacements.

*Organization and Tactics:* Field artillery organization, operations, employment, information, ammunition supply, functions of the various calibers.

*Mounted Instruction:* Practical equitation and horsemanship, the battery mounted; comes in both terms of the junior year.

**Seventh Term.** *Military History and Policy of the United States:* A critical study of our military policy and a military survey of the most important campaigns.

*Minor Tactics and Map Maneuvers:* Combined tactics of the various arms.

**Eighth Term.** *Military Law:* History, authority, sources, procedures of courts-martial, rules of land warfare.

*Administration and Army Paper Work:* Administration of a battery to include official correspondence, property papers and records.

*Mounted Instruction:* Same as junior year.

## MUSIC

*Students may take work in the University chorus and in the University orchestra and receive credit of one hour a term. The total credit, however, for such work may not exceed four hours. (Courses in Music, excepting 15f and w. University Orchestra, not offered in 1922-23.)*

2f and 3w. **Harmony.** Special attention is given to those fundamental principles upon which the science of harmony rests. (3) Mr. ———.

4f. **Applied Harmony.** The harmonization of melodies and chorals. (3) Mr. ———.

5w. **Counterpoint.** The addition of parts to a *cantus firmus*. Simple and double counterpoint. (3) Arts. Mr. ———

6f and sm, and 7w. **Appreciation.** An illustrated lecture course open to those who wish to become familiar with the best there is in music. No previous knowledge is necessary. (6f and 7w-2) (6sm-1) Mr. ———.

8f and 9w. **University Chorus.** For conditions of membership in the University Chorus, apply to the conductor. (1) Mr. ———

15f and 16w. **University Orchestra.** All students playing orchestral instruments are invited to become members of the University orchestra, subject to an examination. (1) Mr. VENABLE.



129f, 130w, and 131sm. **Elementary Public School Music.** Notation, ear-training, dictation, sight-reading, tone-production, care and development of the child's voice, song interpretation, and practical teaching (129f and 130w-2) (131sm-2½) MR. ———.

140sm. **Practical Chorus Conducting.** Open only to those who are fitting themselves for supervisorship of music, or who intend devoting at least a portion of their time to the teaching of music in high schools. (2½) MR. ———.

## PATHOLOGY

101f. **Pathology and Pathological Anatomy.** A laboratory course, supplemented by lectures and recitations, for the histological study of the general and special manifestations of disease. (5) MR. DOLLEY; MISS GUTHRIE.

102w. **Pathology and Pathological Anatomy.** A continuation of 101f, which is a prerequisite for this course. (5) MR. DOLLEY; MISS GUTHRIE.

103w. **Neuro Pathology.** Elective. (3) MR. DOLLEY.

201f and 202w. **Advanced Pathology.** Elective. The amount and character of the work will depend upon the needs and qualifications of the student. MISS GUTHRIE.

203f and 204w. **Research.** Elective. A reading knowledge of German is required and one of French is recommended. MR. DOLLEY.

## PHILOSOPHY

*Only course 1 may be counted toward the requirements of the first two years in the College of Arts and Science. Students who desire a general introduction to philosophy are advised to elect courses 104 and 105. Students specializing in natural science are advised to elect course 105. Those specializing in literature or history are advised to elect courses 103, 104, 105, 111, or 112. No course in philosophy is open to freshmen.*

1f, w, sp, and sm. **Elementary Logic.** The formal principles of deduction and induction, with special attention to the criticism of arguments and the detection of fallacies. (3) MR. SABINE; MR. HUDSON.

103f and sp. **Ethical Theory.** Prerequisite, sophomore standing. An introductory study of the main problems of ethics and of the chief methods of their solution, with constant reference to the principal historic schools for illustration and interpretation. (3) MR. HUDSON.

104f. **Ancient Philosophy.** Prerequisite, sophomore standing. The major part of Plato's Republic will be read. (3) MR. HUDSON.

105w and sm. **Modern Philosophy.** Prerequisite, sophomore standing. Properly follows course 104, although this is not required. The development of modern systems and their relation to science and to political and social movements. (3) MR. SABINE.

109f. **Philosophy in the Life of the Nineteenth Century.** Prerequisite, sophomore standing. Philosophical ideas which have played a part in social and political movements of the nineteenth century. (3) MR. SABINE.

111w. **Philosophy of the State.** Prerequisite, junior standing. An historical and critical survey of the ethics of political obligation and political liberty. (3) MR. SABINE.

112w. **American Ideals.** Prerequisite, junior standing. A study of

the philosophic interpretations of life implied in American social and political institutions of the present, including their international reference.

(3) MR. HUDSON.

121w. **Current Philosophical Problems.** Prerequisite, course 105 or an equivalent. Representative systems and issues of the present, including Absolute and Pluralistic Idealism, Pragmatism, the New Realism, and Bergson's philosophy. (3) MR. HUDSON.

230f, w, and sp. **Seminary.** Subject to be determined. Two or three hours' credit according to the amount of work done. MR. HUDSON; MR. SABINE.

## PHYSICAL EDUCATION

**Aims.** The aims of the department are as follows: (a) To provide an incentive and an opportunity for every student to engage in exercise daily for the promotion of health and efficiency; (b) to train physical educators and play leaders.

**Required Work.** All men students are required to take two terms of physical training two hours a week during their freshman year. All women students are required to take four terms of physical training two hours a week during their freshman and sophomore years. A regulation gymnasium costume is required for all women students. This may be purchased at the University Co-operative Store in Columbia.

**Medical and Physical Examinations.** A medical and physical examination of all students will be required preliminary to their participation in the work of the department. No one will be permitted to engage in competitive athletics unless physically fit.

**Enrollment and Assignment.** All first-year men and first- and second-year women will be assigned to classes in physical education at the time of registration.

**Voluntary Exercise.** All students are urged to exercise regularly as a balance to the sedentary demands of university life. The facilities of the entire department are open for such use except when required for class purposes. Inter-class, inter-college, and inter-group contests will be conducted in all sports and activities, and are open to all students. The University of Missouri is a member of the Missouri Valley Intercollegiate Conference and maintains representative teams in all intercollegiate sports. Membership on these teams is open to all students subject to the requirements of the Conference.

1f, 2w, and 3sp. **Required Course.** *Freshman men.* In courses 1f and 2w, two periods each week in athletics, gymnastics, and games are required of all freshmen taking military science and tactics. In course 3sp (elective), four periods a week are required for students wishing to work off requirements. The courses are designed to promote health and physical efficiency, improve carriage, and establish the habit of exercise. (1) MR. MEANWELL; MR. MILLER.

4f, 5w, and 6sp. **Required Course.** *Freshman women.* In courses 4f and 5w, two periods a week are required in athletics, gymnastics, dancing, and games. In course 6sp (elective), four periods a week are required for students wishing to work off requirements. The course is designed to promote health and physical efficiency, improve carriage, and establish the habit of exercise. ( $\frac{1}{2}$ ) MISS GATH; MISS MUMFORD; MISS DULANEY.

7f and 8w. **Required Course.** *Sophomore women.* Two periods a

week in advanced activities in athletics, gymnastics, dancing, swimming, and games. ( $\frac{1}{2}$ ) MISS GATH; MISS MUMFORD; MISS DULANEY.

9f, 10w, 11s, 11sp, 11sm. **Recreational Athletics for Men.** Courses 9f, 10w, and 11s require two periods of exercise a week. Courses 11sp and 11sm require four periods of exercise a week. This is a general course for recreation, health, and personal efficiency. ( $\frac{1}{2}$ ) MR. CLEVINGER; MR. MILLER; MR. SIMPSON.

12f, 13w, 14s, 14sp, and 14sm. **Recreational Athletics for Women.** Courses 12f, 13w, and 14s require two periods of exercise a week. Courses 14sp and 14sm require four periods a week. This is a general course for recreation, health, and personal efficiency. ( $\frac{1}{2}$ ) MISS GATH; MISS MUMFORD; MISS DULANEY.

### PROFESSIONAL COURSES IN PHYSICAL EDUCATION

*The following courses are offered with a view of meeting the constantly growing demand for teachers in physical education, and for others who desire to fit themselves for intelligent supervision of the physical activities which are rapidly becoming a part of our school curriculum. Students intending to specialize in physical education as a profession should confer with members of the department for help in arranging their programs.*

100f. **Principles of Physical Education.** Historical survey, theory, and systems of physical education; relation of physical education to growth and development; selection and adaptation of activities to different conditions and ages. Prerequisite, elementary physiology. (3) STAFF.

101w. **Physical Examinations.** Methods of examination for the detection of physical defects; application of corrective exercises; measurements and efficiency tests; treatment of injuries. Prerequisites, anatomy and physiology. (3) STAFF.

102w and sp. **Playgrounds.** Theory of play; history and purpose of the playground; organization and equipment; selection and conduct of activities. (3) MISS GATH.

103w, sp, and sm. **Baseball, Basketball, Track, and Field Athletics, and Football for Men.** History, theory and practice of activities; coaching and training methods; rules and officials; general management. (3) MR. MILLER; MR. SIMPSON.

105f, sp, and sm. **School Gymnastics and Games.** A practical course in free-hand and apparatus exercises, plays and games for use in elementary schools. (1) MISS GATH; MISS MUMFORD.

106w and sm. **Elementary Folk Dancing for Women.** Singing games and elementary folk dances suitable for use in classroom, gymnasium, or playground for the elementary grades. (2) MISS GATH; MISS DULANEY.

107w and sp. **Technique of Games for Women.** Track athletics, field hockey, basketball, baseball, and other games of high organization for use in schools and playgrounds. (2) MISS GATH; MISS MUMFORD.

108f and sp. **Plays and Games.** Games of low organization and methods of conducting social and recreation hours. (1) MISS GATH; MISS DULANEY.

109w. **Advanced Folk Dancing for Women.** Folk dancing suitable for more advanced grades, high schools, exhibitions, pageants, etc. (2) MISS GATH.

110f and sp. **Scoutcraft.** A course for the training of scout masters and executives. (1) MR. JOHNSON.



114f and 115w. **Physical Education for Teachers.** Specialized activities in dancing, athletics, and gymnastics, appropriate for use in the public schools. For juniors specializing in physical education. (1) MISS GATH.

116f and 117w. **Physical Education for Teachers.** For seniors specializing in physical education. (2) MISS GATH.

*For Teaching of Gymnastics, see Education, course H119w.*

## PHYSICS

*Two beginning courses are offered. Those who wish only a course for general information should take course 1, while those who desire a more thoro course, and have had trigonometry, should take 3 and 4. Course 1 is required of students in agriculture, and it, together with course 2, will meet the requirements of the Association of American Medical Colleges. Course 104 is required of all candidates for the degree of Electrical Engineer.*

1f, w, and sm. **Elementary Physics.** (5)

2w and sp. **Elementary Physics.** A continuation of 1. Courses 1 and 2 together cover in an elementary way the entire field of physics. (3)

3f. **General Physics.** Prerequisite, trigonometry. (5)

4w. **General Physics.** A continuation of 3. (5)

*Students intending to specialize in physics should also take mathematics. Even in the less mathematical courses, some knowledge of calculus is of great advantage.*

*The following group of four courses constitute together a general course in advanced physics. It is recommended that students who have had the necessary preparation in mathematics elect 114 and 110 in their junior year, 112 and 113 in their senior year, tho any one of the four may be chosen without the others. None of them includes laboratory work, but students who desire advanced laboratory work in physics would do well to elect, along with these courses, the corresponding courses in the group 106, 107, 108. Physics 3 and 4, or their equivalent, are prerequisite for any of the following courses:*

110w. **Electricity and Magnetism.** Largely descriptive. (3)

112sm. **Heat.** Largely descriptive. (3)

113sp. **Light.** Largely descriptive. (3)

114f. **Mechanics.** Students electing this course must have had calculus, or must take it concurrently. (3)

104f. **Electrical Measurements.** Prerequisites, courses 3 and 4 (or their equivalents) and calculus. (4) or (5)

*The following three courses consist of laboratory work: Courses 1 and 2, or 3 and 4 (or their equivalents), are prerequisite to any one of them.*

106f. **Mechanics and Heat.** (1) or (2)

107f and w. **Electricity.** The work is the same as the laboratory part of 104. (1), (2), or (3)

108w. **Light.** (1) or (2)

109f and w. **Advanced Work in General Physics.** Largely laboratory work. (1), (2), (3), or (4)

121w. **Electrical Waves.** Open to those who have had calculus and 3 or 4 (or their equivalent) and preferably 104f. (2) MR. STEWART.

209f and 210w. **Seminar.** (1) or (2) MR. STEWART; MR. REESE.

211f and 212w. **Research Work.** (1 to 5) MR. STEWART; MR. REESE.

*Courses 201, 213, 214, 215, 216 and 221 are courses in mathematical physics. For any of these, two years of physics and integral calculus are prerequisite.*

201f. **Thermodynamics.** (3)

213f. **Introduction to Theoretical Physics.** (2) MR. REESE.

214w. **Conduction of Electricity Thru Gases.** (2) MR. STEWART.

215f. **Electromagnetic Theory.** (2) Arts. MR. STEWART.

216w. **Applications of Electromagnetic Theory to Optics.** (2) MR. REESE.

221w. **Dynamics.** (3)

## PHYSIOLOGY AND PHARMACOLOGY

1w. **Elementary Physiology.** Intended for students who desire a general knowledge of the physiology and personal hygiene of the human body. No credit is allowed in the medical curriculum. Three lectures and two laboratory periods a week. (5) MR. ELLIS; MR. McLAUGHLIN; MR. GALE.

101f. **Experimental Physiology.** The physiology of circulation, respiration, muscle and nerve, nervous system, and sense organs. (6) MR. GREENE; MR. ELLIS; MR. McLAUGHLIN; MR. BARLOW.

102w. **General Physiological Chemistry.** Prerequisite, organic chemistry, course 110f or equivalent. (5) MR. GULICK; MR. BARLOW; MR. PARKER.

103f. **Physiology of the Alimentary Mechanisms.** The physiology of the secretory processes, digestive mechanics, absorption, excretion, metabolism, and energy exchange, heat regulation, and reproduction. (2) MR. GREENE; MR. ELLIS; MR. McLAUGHLIN.

105f. **The Physiology of the Nervous System.** Discussion and experiments based on the reactions of the automatic nerve groups, on the responses of the spinal cord and brain stem, and on the higher mechanisms of the cerebellum and cerebrum. (2) MR. GREENE; MR. McLAUGHLIN; MR. BARLOW.

107w. **Prescription Writing.** Metrology, pharmaceuticals, prescription writing, and physiological assay; a study of weights, measures, dosage, prescription writing and compounding. (1) MR. ELLIS; MR. GALE.

108w. **Pharmacology.** The physiological action of drugs from the experimental point of view. The demonstrations are made on man and the lower animals. (5) MR. GREENE; MR. McLAUGHLIN; MR. BARLOW.

115f and 116w. **Advanced Physiological Chemistry.** A course supplementing and extending course 102w. The prosecution of a short investigation and formal report are required. (2-4) MR. GULICK.

122w. **Physiology of Respiration.** An advanced consideration of the normal and modified respiratory activities of man and animals. The laboratory work includes a short detailed investigation and report on some phase of the subject. (3) MR. ELLIS.

124w. **The Circulatory System.** An intensive study of the normal heart and blood vascular apparatus and their functional modification by drugs and by disease. Cardiography is emphasized. A short investigation is required. (2-4) MR. GREENE.

225f. **The Advanced Physiology of the Nervous System.** The method of operative lesion is applied to the central nervous system and to nerve pathways. (2) MR. GREENE.

227f and 228w. **Journal Club.** Review of current literature by the staff and graduate students. (1) MR. GREENE; MR. GULICK.

231f, 232w, and 233sp. **Advanced Physiology.** Elemental problems

in physiology, physiological chemistry, or pharmacology are assigned in preparation for research. MR. GREENE; MR. GULICK; MR. ELLIS.

241f, 242w, and 243sp. **Investigation.** Opportunity is offered for research into questions of current interest. MR. GREENE; MR. GULICK.

## POLITICAL SCIENCE AND PUBLIC LAW

*The courses for underclassmen may be elected by sophomores or juniors: seniors electing these courses will receive reduced credit. Political science and public law, courses 3 and 4, or an equivalent, are required of all students who wish to elect other courses in political science and public law except course 5. Political science and public law, course 3, may not be taken for credit by students who have had Citizenship, 2w. Of the courses for upperclassmen, course 102 or 106 should be elected (generally in the junior year) by those who expect to pursue advanced work in this department. Students in the School of Law may elect 109 and 127 for credit toward the degree of Bachelor of Laws.*

3w and sm. **American Federal Government.** Organization and activities of the American national government. (3) Arts. MR. BARCLAY.

4f and sp. **American State Government.** Organization and activities of American state and local government. (3) and (2½) Arts. MR. MIDDLEBUSH.

5w. **International Relations.** Lectures and readings on contemporary international relations. (3) MR. MIDDLEBUSH.

102f. **European Governments.** The constitutional organization and practical working of the principal governments of Europe. (5) MR. MIDDLEBUSH.

105w. **Comparative Constitutional Law.** A comparative study of the legal and theoretical basis of the modern state, the various forms of government and the structure and functions of the principal governmental organs. (3) MR. BARCLAY.

106f and sp. **Municipal Government.** A study of the organization of the cities of the United States. (3) MR. BARCLAY.

107f. **Party Government.** A study of the theory, organization, methods of action and functions of political parties, especially in the United States. (2) MR. BARCLAY.

108f. **State Administration.** A study of the development, organization and functions of the executive branch of the American state governments. (3) MR. ———.

109f and sp. **International Law.** A general treatment of the law governing international relations in peace and war. (3) MR. MIDDLEBUSH.

112w. **Federal Administration.** A study of public administration as practiced in the departments, commissions and bureaus under the President. (2) MR. BARCLAY.

114f. **Colonial Administration.** An examination of the great historical colonial systems, and of the administration of modern dependencies, with special reference to the government of Porto Rico and the Philippine Islands. (2) MR. MIDDLEBUSH.

120w. **Municipal Problems.** Prerequisite, course 106. A detailed study of certain problems in the administration of cities. (3) MR. BARCLAY.

123w. **Contemporary Party Issues in the United States.** A study of recent conditions affecting party divisions. (2) (Not offered in 1922-23.)



125w. **Problems in International Law.** Prerequisite, course 109. A detailed study of certain specific problems in international law growing out of the European war. (3) MR. MIDDLEBUSH.

127. **Principles of Administration.** A study of the principles regulating the acts of administrative officers of the national and state governments. (3) (Not offered in 1922-23.)

204f and 205w. **Constitutional Law of the United States.** (2) and (3) MR. LOEB.

210f. **History of Political Theories to the French Revolution.** (2) MR. SABINE.

211w. **Recent and Contemporary Political Theories.** (2) MR. SABINE.

220f, 221w, 222sp, 223sm. **Seminar.** Credit to be arranged. MR. BARCLAY; MR. LOEB; MR. MIDDLEBUSH.

### POULTRY HUSBANDRY

1f, sp, and sm. **Elementary Poultry Raising.** Deals with poultry house construction, yarding, fattening, killing, dressing, marketing, and a brief description of the more common breeds. (3) MR. KEMPSTER; MR. HENDERSON.

2w and sm. **Poultry Production.** Feeding and general care; common diseases of poultry; incubating, brooding, and the handling of farm poultry. (3) MR. KEMPSTER; MR. HENDERSON.

103f. **Marketing Poultry Products.** Prerequisite, 1. A course dealing largely with the practices employed in commercial poultry and egg-handling establishments, both in reference to fattening and killing poultry and to the handling of eggs. (3) MR. KEMPSTER.

104f. **Poultry Judging and Breeding.** Prerequisite, 1. Special attention is given to fancy and utility judging. (3) MR. KEMPSTER; MR. HENDERSON.

105w. **Poultry Farm Management.** Must be preceded or accompanied by courses 1 and 2. A study of poultry farm methods and practices. (3) MR. KEMPSTER; MR. HENDERSON.

106w and sp. **Incubating and Brooding Practice.** Must be preceded by or accompany course 2. The student hatches and raises chickens, keeping accurate records. Nine weeks, by appointment. (3) MR. KEMPSTER; MR. HENDERSON.

107f, w, s. **Special Problems.** Primarily for advanced undergraduates. Topics will be assigned. MR. KEMPSTER; MR. HENDERSON.

200f and 201w. **Seminar.** Special investigations in poultry husbandry. Literature is reviewed and discussed by the class. (1) MR. KEMPSTER.

202f, 203w, and 204s. **Research in Poultry Husbandry.** Advanced studies of special phases of poultry production. Opportunity is offered students interested in this line for original investigation. In some cases they will assist in experimental work being conducted by the department of poultry husbandry. MR. KEMPSTER.

### PREVENTIVE MEDICINE

See Medical Bacteriology and Preventive Medicine, page 197.

## PSYCHOLOGY

See

Educational Psychology, page 165.

Psychology, page 176.

## ROMANCE LANGUAGES

*Students in French are required to take courses 1, 2, and 3 in the order named: those in Spanish, courses 30, 31 and 32. All upperclass courses are open thereafter with the exception of courses 105 and 106, for which course 104 is prerequisite, and course 134, for which course 133 is prerequisite.*

*French*

1f, w, and sp. **Elementary Course.** (5) MISS BACH; MISS BURBACH; MR. DONAN; MR. MUELLER; MISS STARR; MISS STEWART.

1sm. **Elementary Course.** First half. (2½) MISS STEWART.

2f, w, and sp. **Intermediate Course.** (5) MISS BACH; MISS BURBACH; MR. DONAN; MR. MUELLER; MISS STEWART.

2sm. **Intermediate Course.** First half. (2½) MISS STEWART.

3f and w. **Advanced Course.** Three hours of the credit for this course may be counted toward a major in the course in French for upper-classmen. (5) MR. DONAN; MR. HUSER; MR. MUELLER.

101sp, f, and w. **French Phonetics.** The organs of speech, sound formation, etc.; drill in French pronunciation. (1) MISS BACH.

104f and w. **Elementary French Composition and Conversation.** Prerequisite, course 3. This course is designed to give students facility and accuracy in writing and speaking French and will be conducted entirely in French. French themes, dictation, explanation of texts, etc. (5) MRS. HUDSON; MISS BURBACH.

105f and w. **Advanced French Composition and Conversation.** Prerequisite, course 104. Conducted entirely in French. (3) MRS. HUDSON.

107w. **French Drama.** Lectures, reading, reports. (3) MR. HUSER.

108f. **General View of French Literature.** The general character of the literature in the more important periods will be studied. (3) MISS BACH.

109sp. **The French Novel.** Lectures, reading, reports. (2½) MISS BACH.

110sm. **The Classical Period in French Literature.** Lectures, reading, reports. (1½) MR. ———.

113f. **The Romantic Period in French Literature.** Lectures, reading, reports. (3) MR. HUSER.

114w. **The Realistic-Naturalistic Period in French Literature.** Lectures, reading, reports. (3) MR. HUSER.

119w and sp. **Advanced French Grammar.** (2) MISS BACH.

115w. **Recent and Current French Literature.** Lectures, reading, reports. (3) MISS BACH.

212sp, sm, and f, and 213w. **Seminary in French Literature.** Detailed study of some literary movement or representative writer. (2) (3) or (4) MISS BACH.

214f. **General Introduction to Romance Philology.** (2) MR.

215w. Old French. (2) MR. —————.

216f and 217w. Seminary in Romance Philology. MR. —————.

### *Italian*

121f. Italian Composition and Conversation. Prerequisite, course

20. Conducted entirely in Italian. (5) MR. HUSER.

125f and 126w. Dante: The Divina Comedia. (3) MR. HUSER.

### *Spanish*

30f, w, and sp. Elementary Course. (5) MISS BOHANNON; MISS BURBACH; MISS MALOIT; MR. NELSON; MISS WALKER.

30sm. Elementary Course. First half. (2½) MR. NELSON.

31f and w. Intermediate Course. (5) MISS BOHANNON; MISS MALOIT; MR. NELSON; MISS WALKER.

31sp and sm. Intermediate Course. First half. (2½) MISS BOHANNON; MR. NELSON.

32f and w. Advanced Course. Rapid reading of Spanish and Spanish-American works. Three hours of the credit for this course may be counted toward a major in the courses in Spanish for upperclassmen. (5) MISS BOHANNON; MR. BURNER.

32sm. Advanced Course. First half. (2½) MR. NELSON.

133f and w. Composition and Conversation. (3) MISS WALKER.

134f and w. Composition and Conversation. Advanced course. (2) MISS WALKER.

135f. Commercial Spanish. Prerequisite, course 32, but open to others by special permission. (2) MR. BURNER.

136w. Modern Spanish Prose. Alternates with course 140. (3) MR. BURNER.

137w. Spanish-American Prose. (3) MR. BURNER.

139f. Cervantes. Alternates with course 145. (3) MR. BURNER.

140w. Modern Spanish Drama. Alternates with course 136. (3) MR. BURNER.

141f. Spanish Life and Literature. Not to be taken for credit on major or minor in Romance languages. (1) MR. BURNER.

142w. Spanish-American Life and Literature. Not to be taken for credit on major or minor in Romance languages. (1) MR. BURNER.

143w. Advanced Spanish Grammar. Prerequisite, course 32. (2) MR. BURNER.

145f. Spanish Drama of the Sixteenth and Seventeenth Centuries. Alternates with course 139. (3) MR. BURNER.

232w. Old Spanish. (2) MR. BURNER.

237f and 238w. Seminary in Spanish Literature. Individual work in some phase of Spanish or Spanish-American literature. (2), (3), or (4) MR. BURNER.

### RURAL LIFE

2f, w, and sp. Principles of Rural Economics. Designed for those who desire a general knowledge of the fundamental principles of the subject in which the farmer is interested. (3) MR. GROMER.

3f, w, and sp. Application of the Principles of Rural Economics. Application of the principles studied in 2f, w, and sp to agriculture. (2) MR. GROMER.



101w, sp, and sm. **Marketing and Distribution.** Prerequisite, 2f, w, and sp. A study of problems involved in marketing and distributing farm products, marketing organizations and laws under which they are operated. The relation of foreign trade and general business conditions to the farmers' market. (3) MR. JOHNSON.

103f and sp. **History and Principles of Co-operation.** Prerequisite, 2f, w, or sp and 101 w, sp, or sm. A study of the development of co-operative principles and the general growth of the co-operative movement. (2) MR. GROMER.

105f, sp, and sm. **Farm Accounts.** Methods and practice in keeping farm accounts; special attention to farm financial records, feed records, labor records, production records, and methods of determining live stock and production costs. (3) MR. FRAME.

107w. **Farm Finance.** Prerequisite, 2f, w, or sp. A study of the credit needs of the farmer, with consideration of loan agencies, farm loan associations, co-operative mutual insurance and problems of rural taxation. (3) MR. GROMER.

110w, sp, and sm. **Farm Organization.** The study of the farm as an investment, types of farming, success of various farm operations, details of improving and equipping the farm for economical management. (3) MR. JOHNSON; MR. FRAME.

111f. **Farm Labor, Wages and Prices.** A study of the farm labor problem from the standpoint of labor supply, immigration, farm wages, methods of hiring farm labor, regularity of employment and its relation to type of farming, price relationships, and ability of agriculture to compete for labor. (2) MR. JOHNSON.

112f and sp. **Advanced Cost Accounting.** Prerequisite, course 105f or sp. Practical uses to which cost accounting results can be put in the management of farms. Also a study of the methods of procedure as they affect cost accounting results. (2) MR. FRAME.

113w and sp. **Farm Administration.** Prerequisite, 110w. The application of the general principles studied in 110w to special farms. (2) MR. JOHNSON.

115f, w, and sm. **Rural Sociology.** A study of the social conditions in rural communities and their improvement. A number of definite rural social problems are studied, such as the drift to the cities, farming as an occupation, land problems, farm labor problems, co-operation, the rural school, the rural church, rural health and sanitation, the rural home, the social center. (3) MR. MORGAN.

116w and sp. **Land Utilization.** Prerequisites, 2f, w, or sp, and 110w or sp. A study of land resources, values and problems of ownership and tenancy; land settlement and colonization and general land policies in regard to transfer of title, accession of land, utilization of public lands, etc. (2) MR. JOHNSON.

117f, w, and sm. **Rural Community Organization.** Prerequisite, course 115. An advanced course in rural sociology dealing with the factors and agencies that assist in integrating local rural communities; summarizing the conscious efforts which have been made through resident forces for the sake of social progress in rural communities. Special emphasis is placed on leadership, community studies, and community programs for work. Field work required. (2) MR. MORGAN.

119f. **Extension Work.** Prerequisites, rural life 2f, 3f, and 117f. A course designed to train the students in the objects, organization and

methods of extension, particular attention being given to such subjects as extension organization, extension teaching, development of leadership, and country and local programs of work. Laboratory work required. (2) MR. MORGAN.

120f and sp. **Agricultural Geography.** Application of certain facts concerning the effects of climate on civilization, the present delicately adjusted economic organization, the world's food supply and the outlook for the future. (2) MR. GROMER.

121w. **European and American Agricultural History and Policy.** (2) MR. GROMER.

200f, w, sp, and sm. **Seminar.** Selected literature and special field investigation of farm economic and social problems. Credit to be arranged. MR. JOHNSON; MR. MORGAN; MR. GROMER; MR. FRAME.

205f, w, sp, and sm. **Special Problems.** Work on special economic and social problems in agriculture. Thesis required. MR. JOHNSON; MR. MORGAN; MR. GROMER; MR. FRAME.

## SOCIOLOGY

*No course in sociology is open to freshmen. The course in Citizenship, or its equivalent, is required for entrance to General Sociology.*

1f, w, and s. **General Sociology.** An introduction to the scientific study of social life, its origin, evolution, and organization. A study of a number of concrete problems. (5) MR. ELLWOOD.

110f and w. **Social Pathology.** A study of the causes, extent, significance, and constructive treatment of the principal forms of pathology in modern society; poverty, physical defectiveness, malnutrition, feeble-mindedness, insanity, undirected leisure activities, and unstandardized commercial recreation, alcoholism, prostitution, vagrancy, and delinquency. (3) MR. KUHLMAN.

111w. **Criminology.** Prerequisite, course 1. This course deals with a study of the original tendencies of man and the problem of socializing these tendencies; the relation of physical and mental defectiveness and untoward influences in the home and neighborhood to crime; the development of criminological theory and procedure, emphasizing penal and reform methods, and especially modern methods of social treatment and prevention of crime. (3) MR. KUHLMAN.

112f. **Child Welfare.** The following subjects are treated: Heredity and environment as social factors; infant conservation; welfare responsibilities of the school, emphasizing the physical and mental well-being of the child, play, and compulsory and industrial education; child labor; diagnosis and treatment of delinquency; care of the dependent and neglected child; child-caring agencies, public and private; and a community program of child welfare. (3) MR. KUHLMAN.

113f. **Constructive Social Problems.** An intensive study of the theories and legislation dealing with such problems as eugenics, the woman's movement, compensation, vocational re-education, and other methods of social insurance and social improvement. (2) MR. KUHLMAN.

115f and w. **Rural Sociology.** A study of social conditions in rural communities and their improvement. A number of definite rural social problems are studied, such as the drift to the cities, farming as an occupation, land problems, farm labor problems, co-operation, the rural

school, the rural church, rural health and sanitation, the rural home, the social center. (3) MR. MORGAN.

116f. **Urban Sociology.** A study of the organization and social problems of urban communities, with special reference to social technology or the improvement of social and living conditions. The following subjects are treated: Municipal administration, city planning, housing, public health and sanitation, public safety, justice, welfare and leisure-time activities, and civic art. (2) MR. KUHLMAN.

117f, w, and s. **Rural Community Organization.** Prerequisite, course 115. An advanced course in rural sociology dealing with the factors and agencies that assist in integrating local rural communities, summarizing the conscious efforts which have been made through resident forces for the sake of social progress in rural communities. Special emphasis is placed on leadership, community studies, and community programs of work. Field work required. (2) MR. MORGAN.

125f. **General Anthropology.** A study of the origin and evolution of man as an animal and of the different races of mankind. The prehistoric human types, the principles of ethnology, and the characteristics of the Negro, Mongolian, American, and Caucasian races. Lectures and assigned reading. (3) MR. ELLWOOD.

126w. **Cultural Anthropology.** A study of social origins and of the earliest stages of cultural evolution; the stone and metal ages; the origins of industry, language, magic, religion, morals, science, art, and social organization in the family, horde, clan, and tribe. Lectures and assigned reading. (3) MR. ELLWOOD.

119w. **Methods in Rural Social Work.** A study of the needs and possibilities of social service activities in rural communities, emphasizing especially the principles of family case work. A part of the work will consist of field work dealing with actual family rehabilitation. (2) MR.—.

220sp and f. **Principles of Sociology.** A critical study of sociological theory. The sociological theories of recent writers will be critically examined with a view to laying the foundations for a constructive theory of the social life in modern biology and psychology. Discussions and papers by the class. (3) MR. ELLWOOD.

221w. **Biological Factors in Social Evolution.** A course on the biological basis of sociology. Among the topics treated will be the relation of organic to social evolution, with special attention to heredity, selection, adaptation, and variation; the beginnings of social evolution in the animal world, and the instinctive, emotional, and intellectual bases of association. Lectures, assigned reading, and research work. (2) MR. ELLWOOD.

222w. **Methods of Social Research.** A study of the various methods of research and investigation that can be applied to the study of social phenomena. Considerable time is given to the study of social statistics and the social survey. Special problems are assigned for research and field work. (2) MR. KUHLMAN.

227f **The American Negro.** A study of negro problems in America; the social, economic, moral, and educational status of the negro population; the psychology of the color line, racial consciousness, and other facts of psychic and social nature will be given consideration. (2) MR. —.

230w. **History of Social Philosophy.** Lectures on the development of social thought from Aristotle to the present; the social philosophies of Plato, Aristotle, St. Augustine, Thomas Aquinas, Machiavelli, Bodin,



Hobbes, Locke, Vico, Montesquieu, Rosseau, Condorcet, and the sociological systems of Comte, Spencer, Shaeffle, Lilienfeldt, Gumplowicz, Ratzenhofer, and Ward, will, among others, be considered. A large amount of assigned reading will be required in this course. The student is advised to correlate this course with related courses in economics, history, political science, and philosophy. (3) MR. ELLWOOD.

231w. **History of Social Work.** Open only to seniors and graduate students. An historical study of the motives, methods, and development in philanthropic and social work. Especial attention will be given to the early charity work of the church, to public relief in Greece and Rome, to the social movements of England in the nineteenth century, stressing development of public relief, to the tendencies and development of social work in the United States. (2) MR. KUHLMAN.

239f, w, and s. **Field Work.** Required of all students in the rural social work curriculum. (2-8) MR. MORGAN.

240f, w, and s. **Seminary.** Research work upon special problems in sociology and philanthropy. (2-4) MR. ELLWOOD; MR. KUHLMAN; MR. MORGAN.

*In addition to the foregoing courses in sociology at Columbia, the University of Missouri conducts at St. Louis the Missouri School of Social Economy, a training school for social workers. For announcement of the courses in this school, write DR. GEORGE B. MANGOLD, DIRECTOR, SCHOOL OF SOCIAL ECONOMY, 2221 LOCUST STREET, ST. LOUIS, MISSOURI, or see the announcements of the Graduate School and the Extension Division.*

## SOILS

1f, w, and sm. **Soils.** Required. Prerequisite, chemistry 1. An introductory course dealing with the subject of soils and the principles underlying rational soil management. Four lectures and recitations, and one laboratory or field period. (5) MR. MILLER; MR. ALBRECHT; MR. DULEY; MR. KRUSEKOPF.

2w and sp. **Soil Management.** Prerequisite, course 1. A course having to do with the practical management of soils, including tillage, liming, manuring, and fertilization. (3) MR. MILLER.

100f. **Soil Fertility.** Prerequisite, course 1. Agricultural chemistry 1 must precede or accompany this course. A course having to do with the essential principles in maintaining soil fertility. Laboratory exercises may include work on soils from the home farms of students. One lecture and two laboratory periods. (3) MR. ALBRECHT.

102f and sp. **Soil Surveying.** Prerequisite, course 1. Actual field practice in mapping soils and in the preparation of detailed soil maps. Course designed to fit men for soil survey field work. (2) MR. KRUSEKOPF.

104f. **Soils of the United States.** Prerequisite, course 1. The soils of the United States, their characteristics, crop adaptations, and the systems of farming to which they are adapted. Particular attention given the soils of Missouri. Offered in odd-numbered years only. (2) MR. MILLER.

105w. **Soil Bacteriology.** Prerequisite, general bacteriology. Micro-organic life of the soil in relation to soil fertility, including studies of nitrogen transformations, decay of farm manures, soil inoculation, and other biological processes. One lecture, two laboratory periods. (3) MR. ALBRECHT.

106f, 107w, and 108sp and sm. **Special Problems.** Assigned problems in soil physics, fertility, or biology in connection with certain experiment station projects, or problems chosen by the student with approval. Hours by arrangement. (2-5) MR. MILLER; MR. ALBRECHT; MR. DULEY.

200f and 201w. **Seminar.** Discussions of recent developments in soil science. Papers on assigned topics are presented for discussion. (1) MR. MILLER.

205f, 206w, and 207sp and sm. **Soil Research.** Special investigations in soils. MR. MILLER; MR. ALBRECHT; MR. DULEY.

## SPANISH

See Romance Languages, page 209.

## VETERINARY SCIENCE

1f. **Veterinary Anatomy and Physiology.** Dissection and comparative study of the horse, ox, sheep, and pig. Special attention is given to the structure and functions of the organs concerned with nutrition and reproduction. (5) MR. BACKUS.

2f and w. **Veterinary Medicine and Surgery.** (Minor course.) Prerequisite, course 1. Diagnosis and treatment of the common ailments of farm animals, simple surgical operations. (3) MR. BACKUS.

103f. **Veterinary Medicine.** (Advanced course.) Continuation of course 2 in the more advanced study of the non-infective diseases. (3) MR. BACKUS.

104f and sp. **Stock Farm Sanitation and Disease Prevention.** Prerequisite, courses 1, 2, and general bacteriology. (a) *Infectious Diseases of Farm Animals:* A study of the causes, symptoms, pathology; special diagnostic methods; preventive measures—quarantine methods, disinfectants and their uses; preparation and use of vaccines and preventive sera. Lectures, laboratory, clinics, field demonstrations. (3) MR. CONNAWAY; MR. DURANT; MR. CRISLER.

105w. **Stock Farm Sanitation and Disease Prevention.** (3) (Continuation of 104f.) (a) *Infectious Diseases*, (2) MR. CONNAWAY; MR. DURANT; (b) *Animal Parasites.* Study of internal and external parasites of farm animals. Clinic. Study of infested hosts; administration of appropriate remedies. (1) MR. BACKUS.

106f. **Diseases of Poultry.** Diagnosis and treatment of the common ailments of poultry; parasitic and infectious diseases; prevention and treatment. (2) MR. DURANT.

207f, 208w, 209s. **Research.** Experimental investigation of animal diseases and of measures of prevention and treatment. Open to graduate students who have the requisite preparation. The student may assist in Experiment station projects now in progress, or may be assigned a special problem. Proper credit is given toward an advanced degree. Hours by arrangement. MR. CONNAWAY; MR. BACKUS; MR. DURANT.

## ZOOLOGY

1f, w, sp, and sm. **General Zoology.** A course in the general principles of zoological science. (5) MR. LEFEVRE; MR. CURTIS; MR. TANNREUTHER; MR. VICK.

2w and sm. **Theory of Evolution.** Prerequisite, course 1. The purpose is to introduce the student to the subject, and to point out the general

applications of evolutionary doctrine in biological science and in other fields. (2) Arts. MR. CURTIS.

4w. **Comparative Anatomy of Vertebrates.** Prerequisite, course 1. A comparative study of the structure of a series of vertebrates. (5) MR. LEFEVRE; MR. VICK.

5sp. **Advanced General Zoology.** Prerequisite, course 1. An extension of course 1, especially designed to enable students to complete the requirement in zoology for admission to the School of Medicine. (3) MR. LEFEVRE; MR. TANNREUTHER.

101f and sp. **Embryology of Vertebrates.** Designed to lay the foundation of vertebrate embryology. (3) MR. LEFEVRE; MR. TANNREUTHER.

102f and sm. **Animal Ecology.** A course dealing with the principles of ecology and including a study of the adaptations, associations, activities, life histories, and distribution of animals. Special consideration is given to the local bird fauna. (3)

103w. **Cytology.** A study of the cell, with special reference to problems of development and inheritance. Cytological technique. (5) Arts. MR. LEFEVRE.

104f. **Genetics and Evolution.** Lectures dealing with the experimental study of genetics and its relation to problems of organic evolution. Emphasis is laid on the phenomena of Mendelism and the mechanism of heredity. (2) MR. LEFEVRE.

105f. **Protozoology.** A study of the biology of protozoa, with emphasis upon their parasitic relations; methods of culture and general technique. Of special interest to students of medicine and agriculture. (2 or 3) MR. CURTIS.

106w. **Parasitology.** A study of the fundamental principles of parasitology; life histories and behavior of animal parasites; effects produced upon their host. Of special interest to students of medicine and agriculture. (2 or 3) MR. CURTIS.

120f, 121w, 122sp and sm. **Special Problems.** Preparation for research in zoology. (3) MR. LEFEVRE; MR. CURTIS; MR. TANNREUTHER.

200f, 201w, 202sp and sm. **Research.** A reading knowledge of French and German is essential. Investigation of unsolved problems of zoology. Credit to be arranged. MR. LEFEVRE; MR. CURTIS.

210f, 211w, 212sp and sm. **Seminary.** A reading knowledge of French and German is desirable. Meetings at which subjects of zoological investigation are discussed by instructors and students. (1) MR. LEFEVRE; MR. CURTIS.



## Section IV. School of Mines and Metallurgy (at Rolla)

---

### GENERAL INFORMATION

In 1870 the General Assembly, in accepting the donation by the federal government of lands for educational purposes, established an Agricultural College and School of Mines and Metallurgy, "the leading object of these colleges" being "to teach such branches as are related to agriculture and mechanic arts and mining, including military tactics, and without excluding other scientific and classical studies, in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life." The statutes fix the status of the School of Mines and Metallurgy as a division of the University of Missouri. Its affairs are under the immediate supervision of the Executive Committee, consisting of three members of the Board of Curators of the University.

### ADMISSION

Information concerning the requirements for admission is given on page 21.

### LOCATION

The School of Mines and Metallurgy is at Rolla, the county seat of Phelps County, on the St. Louis & San Francisco Railroad, approximately half way between St. Louis and Springfield.

Rolla is on the crest of the Ozark uplift. It has an elevation of 1,140 feet above the sea level and enjoys an agreeable and notably healthful climate. It is within easy reach of the lead and zinc districts of the Southwest, and of the lead and iron regions of the Southeast, where opportunities to observe processes of mining and smelting the latter ores are at hand. The numerous and varied smelting and chemical plants in and about St. Louis likewise offer good opportunity for the study of processes.

### EQUIPMENT

**Grounds:** The School of Mines and Metallurgy is in the highest part of the city of Rolla. The grounds cover more than twenty-seven acres.

Jackling Field provides a good baseball diamond, a football gridiron, tennis courts, and a 440-yard running track.

**Buildings:** There are eleven buildings on the campus: Mining Building and Power Plant, Chemical Hall, Rolla Building, Workshop, Director's Residence, Mechanic Hall, Norwood Hall (engineering building), Ore Dressing Building, Parker Hall, Gymnasium, and the Athletic Building.

**Library:** The library contains 25,000 carefully selected volumes and 4,000 pamphlets. Works on engineering, mathematics, chemistry, physics, mining, metallurgy, geology and mineralogy afford students reading in connection with their class work. The library also contains standard works

in English and American poetry, fiction, biography, and history. It is well provided with encyclopedias and works of general reference. It is open, in charge of the librarian, from 8:00 a. m. to 12 m., from 1 p. m. to 6 p. m., and from 7 p. m. to 8:30 p. m. During these hours books may be taken out, and the library room used for reading and study.

### Laboratories:

*Chemistry.* The laboratories for general chemistry, qualitative analysis, and quantitative analysis occupy one building. The equipment includes 24 first-class analytical balances, 60 sets of good analytical weights, 60 sets of volumetric instruments, platinum ware, and precision instruments for physico-chemical and electro-chemical measurements. Individual hoods are over each laboratory desk, and ventilation is provided by a suction fan.

*Civil Engineering.* The equipment for field practice includes 21 transits, 12 plane tables, 14 levels, and other necessary equipment. A number of transits are equipped with solar attachments and others with auxiliary telescopes for mine surveying. Apparatus is provided for cement testing and laboratory work in hydraulics, compressed air and structural material.

*Geology and Mineralogy.* The equipment includes reference, working, and cabinet collections of minerals, ores, rocks, and fossils, and many specimens illustrating metallurgical processes; a working collection of wooden and glass models and natural crystals, full sets of maps and reports, and a set of geological relief models. There is also a collection of 3,500 specimens representing the mineral wealth of Missouri. Rock-breaking and section machines, instruments for geological surveys, and microscopes for petrographic work are included in the equipment.

*Metallurgy and Ore Dressing.* The main assay laboratory contains 20 coal-fired, double-muffle assay furnaces; 12 gasoline-fired muffle furnaces, and 10 coke-fired furnaces. The balance room contains 11 balances suitable for weighing gold. In the main furnace room is a circular water-jacket blast furnace and a hand reverberatory furnace for roasting. The new ore-dressing laboratory is thoroly equipped.

*Mining.* The civil engineering surveying equipment is used for mine surveying. The school has several thousand drawings and blue-prints of mining machinery and mine plants, which are used in connection with work in mining and mine management.

Besides well-equipped machine and blacksmith shops, the steam engines, air compressors, pumps, and electrical equipment provided by the school for use in various laboratory courses, and which are available for the study of mining machinery, the department has the following exclusive mining equipment:

For rock-drilling: One Ingersoll-Rand 2½ in., arc-tappet valve, piston drill; one Sullivan 2½ in., differential-valve piston drill; one Wood 2½ in., spool-valve, piston drill; one Sergeant 2½ in., tappet-valve, piston drill; one water Leyner, No. 7, hammer drill; one Cleveland, valve type, hand-hammer drill; one Murphy, valveless type, hand-hammer drill, with air feed; one Hardsocg, valveless type, hand-hammer drill, with air feed; one Leyner drill sharpener; one double-screw column with arm; one single-screw column; two tripods with weights; drill steel; air hose, and other accessories.

For mine rescue work: One Draeger oxygen helmet, 2-hour type, 1911; one Draeger pulmotor; one Draeger oxygen pump; one Westfalia oxygen

helmet, 2-hour type; one Fluess self-contained breathing apparatus, 2-hour type; electric lamps, and nine different types of safety lamps; and Red Cross first-aid outfits.

*Physics, Electricity and Thermo-dynamics.* The department has the necessary equipment for instruction in physical measurements in mechanics, sound, heat, and electricity. The dynamo laboratory contains an assortment of generators and motors which, together with the equipment in the power plant, are used for experimental purposes and for demonstration in electricity and thermo-dynamics.

*Shop Practice.* The wood bench workroom contains 20 double benches with separate sets of hand tools. The lathe room is equipped with 20 wood lathes. The forge room contains 24 down-draft forges, a power hammer and other equipment for forge work. The metal working room contains the latest design of motor-driven, iron-working machinery.

### EXPENSES

**Fees:** A registration fee of \$10 a term will be charged all students. Laboratory fees vary from \$1 to \$25. The diploma fee is \$5.

**Contingent Deposits:** A deposit of \$15 is required from each student to cover the cost of extra supplies and damage to apparatus. This deposit must be renewed if at any time exhausted. At the end of the school year whatever sum may remain to the credit of the depositor is returned to him.

**Living Expenses:** The expenses of many students do not exceed \$350 a term, including fees, books, and stationery, board and lodging, and laundry. The cost of field excursions is not included in the foregoing estimate.

### ATHLETICS

The school encourages rational athletics. Occasional privileges are granted to athletic teams, but prolonged absences from work are not permitted.

An athletic field has been enclosed and graded for baseball, football, and other games. Several tennis courts are maintained. The students maintain an athletic association and football, baseball, basketball, and track teams, and a tennis club.

The Gymnasium Building is provided with a swimming pool and indoor running track.

**Athletic Fee:** Each student is required to pay a fee of \$5 per term to the Athletic Association of the school.

### MILITARY TRAINING

All physically fit male students are required to take, unless excused for reasons of weight, during their freshman and sophomore years, the course of training in military science and tactics as prescribed by the United States War Department (four hours a week).

### TERM REPORTS

Reports are sent to the parents or guardian of every student at the close of each term, showing the student's grade and giving information in regard to his progress and attendance.



## CURRICULA AND DEGREES

The School of Mines and Metallurgy offers seven undergraduate curricula with options in the senior year, and two graduate curricula, as follows:

**I. Mine Engineering.** Leads to the degree of Bachelor of Science in Mine Engineering.

**II. Metallurgy.** Leads to the degree of Bachelor of Science in Metallurgy.

**III. Civil Engineering.** Leads to the degree of Bachelor of Science in Civil Engineering.

**IV. General Science.** Leads to the degree of Bachelor of Science.

**V. Mechanical Engineering.** Leads to the degree of Bachelor of Science in Mechanical Engineering.

**VI. Electrical Engineering.** Leads to the degree of Bachelor of Science in Electrical Engineering.

**VII. Chemical Engineering.** Leads to the degree of Bachelor of Science in Chemical Engineering.

**VIII. Graduate Curricula in Mining and Metallurgy.** One year in residence. Leads to the degree of Master of Science in Mining Engineering or Metallurgy, respectively.

**IX. Courses in Vocational Training.** The United States Veterans' Bureau. Courses are offered in topographic engineering, highway engineering and oil-field engineering. These courses do not lead to a degree.

**X. Special Courses.** For mature students more than 21 years of age who, for various legitimate reasons, are unable to take the regular four-year courses, special courses in mining and metallurgical subjects are offered.

## EXCURSIONS

**Required:** In I, II, VII. During the winter term of the senior year, a three-weeks' trip in Missouri for the study of ore deposits, mining methods, mine surveying, and ore dressing and metallurgy.

## CURRICULA

**The School Year:** The regular school year comprises two terms of approximately eighteen weeks each, so arranged that the Christmas holiday forms the division between the fall term and the winter term. The curricula are based on the fall and winter terms, and are normally completed in four years. However, an opportunity is offered in some courses to make up deficiencies or complete prerequisites during the summer.

During the summer of 1922 a summer term of eight weeks will be held. The subjects offered will be such as to enable students to make up deficiencies and to afford opportunity for some students to complete work required for graduation. The regular summer school is discontinued for the summer of 1923.

The schedules of studies are planned to take 30 to 35 hours of the student's time each week in lectures or recitations and in the laboratory. This is equivalent to 20 to 22 credit hours a term.

Physical exercise and military training are required for able-bodied freshmen and sophomores and may be elected by juniors and seniors.

The student is urged to select, not later than the sophomore year, some member of the faculty as an adviser. Freshmen and new students should consult the director until they get acquainted.

Before receiving a degree in any engineering course, in addition to completing a curriculum as outlined, the student must have worked not less than twelve weeks in the industry or line of work in which he is specializing. If he is not able to fulfill this requirement, he may spend not less than four weeks in observation, note-taking and sketching, at some mine, mill, or other industrial plant, or on any work designated by the department concerned. A regularly supervised inspection trip may be taken in place of the foregoing work, if offered by the department.

Suitable reports and satisfactory credentials are required on all the foregoing work. This work should be done during the summer following the junior year, if possible.

Students in Curricula I, II and VII are also required to take an inspection trip during the senior year.

**Credit Hours Required for Graduates:** The number of credit hours required for graduation ranges from 185 to 197, dependent upon the curriculum pursued. This includes military science and tactics.

**Definition of Credit Hour:** A credit hour is the credit obtained for satisfactorily passing a course of one hour in the classroom each week for eighteen weeks, or one term. In computing the relation between laboratory and classroom hours, two laboratory hours are considered the equivalent of one classroom hour.

FIRST YEAR  
ALL CURRICULA

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	3f	Plant and spherical trigonometry	5	0
English.....	1f	Rhetoric and composition.....	3	0
Drawing.....	2f	Beginning drawing*.....	0	6
Civil engineering.....	2	Plane surveying*.....	2	6
Chemistry.....	1-2	General chemistry.....	3	6
Military.....	M 1	Military science and tactics.....	2	1
Hygiene.....	1	Lectures on hygiene.....	2	0
Physical education.....	PE 2	Physical training.....	0	1
			26	

*Second Term*

Mathematics.....	7w	Analytical geometry.....	5	0
English.....	1w	Rhetoric and composition.....	3	0
Drawing.....	2w	Descriptive geometry*.....	0	6
Chemistry.....	3-4-6	General chemistry.....	4	6
Mechanical engineering.....	2w	Forge shop*.....	0	6
		or		
Civil engineering.....	4	Topographic surveying*.....		
Military.....	M 1	Military science and tactics.....	2	1
Physical education.....	PE 3	Physical training.....	0	2
		Special lectures.....	1	0
			26	

\*In the General Science Curriculum IV, Beginning Drawing 2f and Plane Surveying 2 are replaced by General Zoology 2f, 3f, in the first term; and Descriptive Geometry 2w and Topographic Surveying 4 by General Botany 4w-5w, in the second term.



## SECOND YEAR

## CURRICULUM I. MINE ENGINEERING

## CURRICULUM II. METALLURGY

## CURRICULUM VII. CHEMICAL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	9f	Calculus.....	4	0
English.....	3f	English.....	3	0
Physics.....	1f and 2f	Physics.....	4	6
Geology and mineralogy.....	1	Mineralogy.....	0	6
Chemistry.....	7	Analytical chemistry.....	2	0
Chemistry.....	8	Gravimetric analysis.....	0	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE 4	Physical training.....	0	2
			25 ½	

*Second Term*

Mathematics.....	9w	Calculus.....	4	0
English.....	3w	English.....	3	0
Physics.....	3w and 4w	Physics.....	4	6
Chemistry.....	10	Volumetric analysis.....	0	6
Metallurgy.....	1 and 2	Assaying*.....	2	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE 4	Physical training.....	0	2
			25 ½	

\*Students taking the Coal Mining option substitute for Assaying 1 and 2 the following: Fuel and Gas Analysis 34 and Advanced Mechanical Drawing 6f. Students taking the Petroleum Engineering option substitute for Assaying 1 and 2 the following: Organic Chemistry Aliphatic 21 and Organic Chemistry Laboratory 22. Students in Curriculum VII, Chemical Engineering, substitute for Assaying 1 and 2 the following: Organic Chemistry Aliphatic 21 and Organic Chemistry Laboratory 22.

## SECOND YEAR

## CURRICULUM III. CIVIL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	9f	Calculus.....	4	0
English.....	2, 3f or 23f	English.....	3	0
Physics.....	1f, 2f	Physics.....	4	6
Drawing.....	6f	Advanced mechanical drawing...	0	6
Civil engineering.....	7f	Railroad surveying.....	2	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE 4	Physical training.....	0	2
			25 ½	

*Second Term*

Mathematics.....	9w	Calculus.....	4	0
English.....	3w or 23w	English.....	3	0
Physics.....	3w, 4w	Physics.....	4	6
Mathematics.....	17w	Theoretical mechanics.....	3	0
Drawing.....	6w	Civil engineering drawing.....	0	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE 4	Physical training.....	0	2
			23 ½	

SECOND YEAR  
CURRICULUM IV. GENERAL SCIENCE

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	9f	Calculus..... or	4	0
English.....	11	Elementary French.....	5	0
English.....	3f	English.....	3	0
Physics.....	1f, 2f	Physics.....	4	6
Geology and mineralogy.....	1	Mineralogy.....	0	6
Chemistry.....	7	Analytical chemistry.....	2	0
Chemistry.....	8	Gravimetric analysis.....	0	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE 4	Physical training.....	0	2
			25 ½	

*Second Term*

Mathematics.....	9w	Calculus..... or	4	0
English.....	13	Scientific French.....	5	0
English.....	3w	English.....	3	0
Physics.....	3w, 4w	Physics.....	4	6
Chemistry.....	10	Volumetric analysis.....	0	6
Chemistry.....	21	Organic chemistry aliphatic.....	2	0
Chemistry.....	22	Organic chemistry laboratory.....	0	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE 4	Physical training.....	0	2
			25 ½	



## SECOND YEAR

## CURRICULUM V. MECHANICAL ENGINEERING

## CURRICULUM VI. ELECTRICAL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	9f	Calculus.....	4	0
English.....	2, 3f or 23f	English.....	3	0
Physics.....	1f, 2f	Physics.....	4	6
Drawing.....	6f	Advanced mechanical drawing...	0	6
Mechanical engineering.....	4f	Pattern shop and foundry.....	1	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE 4	Physical training.....	0	2
			24 ½	

*Second Term*

Mathematics.....	9w	Calculus.....	4	0
English.....	2, 3w or 23w	English.....	3	0
Physics.....	3w, 4w	Physics.....	4	6
Mathematics.....	17w	Theoretical mechanics.....	3	0
Drawing.....	4w	Machine drawing.....	0	3
Mechanical engineering.....	4w	Machine shop.....	0	6
Military.....	M 2	Military science and tactics.....	2	1
Physical education.....	PE -	Physical training.....	0	2
			25	

## THIRD YEAR

## CURRICULUM I. MINE ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	19w	Theoretical mechanics.....	3	0
Physics.....	17f and 17	Elements of electrical engineering	3	3
Geology and mineralogy.....	3f	General geology.....	3	0
Geology and mineralogy.....	5f	Lithology.....	0	3
Mining.....	5f and 6f	Mine and railroad surveying*....	3	6
Mining.....	4f	Mining laboratory.....	0	3
			19½	

*Second Term*

Mathematics.....	19	Mechanics of materials.....	3	0
Mathematics.....	20	Materials laboratory.....	0	3
Geology and mineralogy.....	3w	General geology.....	3	0
Geology and mineralogy.....	4w	General geology laboratory.....	0	6
Metallurgy.....	7w	Principles of metallurgy**.....	3	0
Mining.....	3w	Mining.....	4	0
Physics.....	14w & 15w	Elements of electrical engineering	3	3
			22	

\*Students taking the Petroleum Engineering option omit Mining Laboratory 4f and substitute for Mine and Railroad Surveying 5f and 6f the following: Railroad Surveying 7f. Students taking the R. O. T. C. option will substitute Military M3 for Mine Surveying Laboratory 6f, in the first term, and Military M3 for General Geology Laboratory 4w in the second term.

\*\*Students taking the Coal Mining option or the Petroleum Engineering option substitute for Principles of Metallurgy 7w the following: Hydraulics 9w. Students taking the Petroleum Engineering option substitute for Mining 3w the following: Oil Production Methods 14w and Fuel and Gas Analysis 34.

THIRD YEAR  
CURRICULUM II. METALLURGY

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Physics.....	17f, 17	Elements of electrical engineering	3	3
Chemistry.....	41, 42	Physical chemistry.....	3	6
Mathematics.....	17w	Theoretical mechanics.....	3	0
Metallurgy.....	7f	Introductory metallurgy.....	1	6
		Electives*.....	3 hrs.	
			20½	

*Second Term*

Metallurgy.....	7w	Principles of metallurgy.....	3	0
Metallurgy.....	9w	Metallurgy of iron and steel....	3	0
Chemistry.....	43, 44	Physical chemistry.....	2	6
Physics.....	14w, 15w	Elements of electrical engineering	3	3
Mathematics.....	19	Mechanics of materials.....	3	0
		Electives**.....	3 hrs.	
			21½	

\*Electives to be chosen from the following: 2f, Principles of Mining; 19f, Engineering English; M3, Military.

\*\*Electives to be chosen from the following: 13f, Metallurgical Calculations; 20, Materials Laboratory; M3, Military.



THIRD YEAR  
CURRICULUM III. CIVIL ENGINEERING

*First Term\**

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	19	Mechanics of materials.....	3	0
Mathematics.....	20	Materials laboratory.....	0	3
Civil engineering.....	11f	Masonry construction.....	3	3
Civil engineering.....	13f	Highway engineering.....	3	9
Metallurgy.....	38f	Metals in engineering.....	2	0
English.....	19f	Engineering English.....	2	0
			20½	

*Second Term\**

Civil engineering.....	11w	Reinforced concrete.....	3	6
Civil engineering.....	15w	Stresses.....	3	6
Civil engineering.....	9w	Hydraulics.....	3	3
Geology and mineralogy.....	19w	General geology.....	3	0
Geology and mineralogy.....	2w	Mineralogy.....	0	3
			21	

\*Students enrolled in the R. O. T. C. will replace the equivalent of 3 hours' work as scheduled by Military M3.

THIRD YEAR  
CURRICULUM IV. GENERAL SCIENCE

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Chemistry.....	41, 42	Physical chemistry.....	3	6
Metallurgy.....	31f, 32f	Alloys and metallography.....	2	6
English.....	7	Elementary German.....	5	0
		Electives.....	6 hrs.	
			22	

*Electives from the following subjects:*

Chemistry.....	23	Organic chemistry aromatic.....	4	0
Chemistry.....	24	Organic chemistry laboratory.....	0	6
Geology and mineralogy.....	3f	General geology.....	3	0
Geology and mineralogy.....	5f	Lithology.....	1	3
Physics.....	5f, 6f	Electricity and magnetism.....	3	3
Mathematics.....	37	Statistical mechanics.....	5	0
Chemistry.....	20f, 21f	Bacteriology.....	2	4

*Second Term*

Chemistry.....	43, 44	Physical chemistry.....	2	6
English.....	9	Scientific German.....	5	0
		Electives.....	12 hrs.	
			22	

*Electives from the following subjects:*

Geology and mineralogy.....	3w	General geology.....	3	0
Geology and mineralogy.....	4w	General geology laboratory.....	0	6
Physics.....	9w, 10w	Light.....	3	6
Mathematics.....	11	Advanced calculus.....	5	0
Economics.....	1w	Economic geography.....	3	0

## THIRD YEAR

## CURRICULUM V. MECHANICAL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	19	Mechanics of materials.....	3	0
Mathematics.....	20	Materials laboratory.....	0	3
Physics.....	17f, 17	Elements of electrical engineering	3	3
Mechanical engineering.....	10f	Thermodynamics.....	3	0
Mechanical engineering.....	5f	Elementary heat power apparatus	3	3
Mechanical engineering.....	3f	Mechanism.....	2	3
			20	

*Second Term*

Physics.....	14w, 15w	Elements of electrical engineering	3	3
Chemistry.....	34	Fuel and gas analysis.....	0	3
Civil engineering.....	9w	Hydraulics.....	3	3
Mechanical engineering.....	6w	Internal combustion engines.....	3	3
Mechanical engineering.....	7w	Elementary machine design.....	2	3
Mechanical engineering.....	8w	Heating and ventilation.....	2	0
			20½	



## THIRD YEAR

## CURRICULUM VI. ELECTRICAL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	19	Mechanics of materials.....	3	0
Mathematics.....	20	Materials laboratory.....	0	3
Physics.....	17f, 17	Elements of electrical engineering	3	3
Mechanical engineering.....	9f	Power plants.....	3	3
Mechanical engineering.....	3f	Mechanisms.....	2	3
Chemistry.....	41, 42	Physical chemistry.....	3	6
			23	

*Second Term*

Physics.....	14w, 15w	Elements of electrical engineering	3	3
Mechanical engineering.....	9w	Power plants.....	3	3
Mechanical engineering.....	7w	Elementary machine design.....	2	3
Chemistry.....	43, 44	Physical chemistry.....	2	6
Physics.....	12w	Electric transmission and distribution.....	3	3
			22	

## THIRD YEAR

## CURRICULUM VII. CHEMICAL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Mathematics.....	17w	Theoretical mechanics.....	3	0
Physics.....	17f, 17	Elements of electrical engineering	3	3
Chemistry.....	41, 42	Physical chemistry.....	3	6
Chemistry.....	23	Organic chemistry aromatic.....	4	0
Chemistry.....	24	Organic chemistry laboratory....	0	6
		Electives*.....	3 hrs.	
			23 ½	

*Second Term*

Mathematics.....	19	Mechanics of materials.....	3	0
Mathematics.....	20	Materials laboratory.....	0	3
Physics.....	14w, 15w	Elements of electrical engineering	3	3
Chemistry.....	43, 44	Physical chemistry.....	2	6
Chemistry.....	51, 52	Industrial chemistry.....	2	6
Chemistry.....	25	Organic chemistry.....	2	0
		Electives*.....	3 hrs.	
			24	

\*Military M3.

## FOURTH YEAR

## CURRICULUM I. MINE ENGINEERING

The following options are offered: 1. Metal Mining option; 2. Coal Mining option; 3. Mining Geology option; 4. Petroleum Engineering option.

## First Term

Department.	No.	Course.	Option.							
			Metal Mining.		Coal Mining.		Mining Geology.		Petroleum Engineering	
			Lect.	Lab.	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.
Geology and mineralogy.....	9f	Economic geology.....	3	0	.....	.....	3	0	.....	.....
Mechanical engineering.....	9f	Power plants.....	3	3	3	3	.....	.....	.....	.....
Metallurgy.....	21f, 22f	Ore dressing.....	3	3	3	3	3	3	.....	.....
Metallurgy.....	8f	Principles of metallurgy laboratory.....	0	3	.....	.....	.....	.....	.....	.....
Economics.....	20f	Economics.....	3	0	3	0	3	0	3	0
Mining.....	13f	Coal mining.....	.....	.....	4	0	.....	.....	.....	.....
Mining.....	20f	Mine and mill design.....	.....	.....	2	6	.....	.....	.....	.....
Geology and mineralogy.....	14f	Field geology.....	.....	.....	.....	.....	0	6	0	6
Geology and mineralogy.....	24f	Stratigraphic geology.....	.....	.....	.....	.....	3	0	3	0
Geology and mineralogy.....	17f	Oil and gas geology.....	.....	.....	.....	.....	.....	.....	3	0
Geology and mineralogy.....	18f	Oil and gas laboratory.....	.....	.....	.....	.....	.....	.....	0	3
		Electives*.....	4 ½ hrs.*	.....	3 hrs.*	.....	4 hrs.*	.....	6 hrs.*	.....



## CURRICULUM I—MINE ENGINEERING—Continued.

## Second Term

Department.	No.	Course.	Option.							
			Metal Mining.		Coal Mining.		Mining Geology.		Petroleum Engineering	
			Lect.	Lab.	Lect.	Lab.	Lect.	Lab.	Lect.	Lab.
Mechanical engineering.....	9w	Power plants.....	3	3	3	3	.....	.....	.....	.....
Metallurgy.....	21w, 22w	Ore dressing.....	3	3	3	3	.....	.....	.....	.....
Mining.....	11w	Mining.....	4	0	4	0	3	3	.....	.....
Economics.....	20w	Economics.....	3	0	3	0	4	0	.....	.....
Mining.....	20w	Mine and mill design.....	.....	.....	0	6	3	0	3	0
Geology and mineralogy.....	9w	Economic geology.....	.....	.....	3	0	.....	.....	.....	.....
Geology and mineralogy.....	13w	Structural geology.....	.....	.....	.....	.....	3	0	3	0
Geology and mineralogy.....	14w	Oil production methods.....	.....	.....	.....	.....	.....	.....	3	0
		Electives*.....	4½ hrs.*	.....	.....	.....	.....	.....	3	0
					3 hrs.*	.....	6 hrs.*	.....	8 hrs.*	.....

\*The electives chosen must have the consent of the Professor of Mine Engineering.

FOURTH YEAR  
CURRICULUM II. METALLURGY

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Metallurgy.....	11f	Metallurgy of the non-ferrous metals.....	4	0
Metallurgy.....	31f, 32f	Alloys and metallography.....	2	6
Metallurgy.....	21f	Ore dressing.....	3	0
Economics.....	20f	Economics.....	3	0
Mechanical engineering.....	9f	Power plant.....	3	3
		Electives*.....	3 hrs.	
			22 ½	

*Second Term*

Metallurgy.....	11w	Metallurgy of the non-ferrous metals.....	4	0
Metallurgy.....	35w, 36w	Alloys and metallography.....	2	3
Mechanical engineering.....	9w	Power plant.....	3	3
Economics.....	20w	Economics.....	3	0
		Electives**.....	6 hrs.	
			21	

\*Electives to be chosen from the following: 22f, Ore Dressing laboratory; 12f, Metallurgical Laboratory; Thesis; M4, Military.

\*\*Electives to be chosen from the following: 21w, 22w, Ore Dressing; 26w, Ore Dressing Problems; 17w, 18w, Electrometallurgy; 12w, Metallurgical Laboratory; 45, Thesis; M4, Military.

FOURTH YEAR  
CURRICULUM III. CIVIL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Civil engineering.....	15f	Framed structures.....	3	6
Civil engineering.....	31f	Masonry design.....	3	6
Physics.....	17f, 17	Elements of electrical engineering	3	3
Economics.....	20f	Economics.....	3	0
		Electives.....	3 hrs.	
			22½	

*Electives from the following subjects:*

Civil engineering.....	19f	Water supply.....	3	0
English.....	7, 11, 15	Modern language*.....	5	0

*Second Term*

Civil engineering.....	32w	Design.....	0	9
Physics.....	14w, 15w	Electrical engineering.....	3	3
Economics.....	20w	Economics.....	3	0
		Electives.....	10 hrs.	
			22	

*Electives from the following subjects:*

Civil engineering.....	21w	Sewage, drainage and irrigation..	5	0
Civil engineering.....	39w	Hydraulic power, motors, pumps and fans.....	2	0
Civil engineering.....	23w	Railroad economics.....	2	0
English.....	19w	Discussion and debate.....	2	0
English.....	9, 13, 17	Modern language.....	5	0
Mining.....	3w	Mining.....	4	0

\*Men who elect Modern Language in the first term of the senior year must follow it with the second term of the same language.



FOURTH YEAR  
CURRICULUM IV. GENERAL SCIENCE

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Economics.....	20f	Economics.....	3	0
		Thesis.....	0	9
		Electives.....	14 hrs.	
			21 ½	

*Electives from the following subjects:*

Geology and mineralogy....	9f	Economic geology.....	3	0
Geology and mineralogy....	1f	Crystallography.....	3	0
Geology and mineralogy....	50	Paleontology.....	0	6
Geology and mineralogy....	11f	Petrography.....	2	9
Geology and mineralogy....	24f	Stratigraphy and metamorphic geology.....	3	0
Chemistry.....	26	Advanced organic chemistry....	3	0
Chemistry.....	45	Advanced physical chemistry....	3	0
Physics.....	23f, 24f	Heat.....	3	3
		English, contemporary drama...	3	0

*Second Term*

Economics.....	20w	Economics.....	3	0
		Thesis.....	0	9
		Electives.....	14 hrs.	
			21 ½	

*Electives from the following subjects:*

Geology and mineralogy....	9w	Economic geology.....	3	0
Geology and mineralogy....	13w	Structural geology.....	3	0
Geology and mineralogy....	15w	Geology conference.....	1	0
Chemistry.....	47	Chemistry of colloids.....	3	0
Chemistry.....	31	General principles of chemistry..	3	0
Chemistry.....	28	Organic processes.....	2	6
English.....	5	English, contemporary drama...	3	0
Physics.....	23w, 26w	Radioactivity.....	3	3

## CURRICULUM V. MECHANICAL ENGINEERING

The following options are offered: 1. Power Plant option; 2. Industrial option; 3. Milling and Smelting option.

*First Term*

Department.	No.	Course.	Option.					
			Power plant.		Industrial.		Milling and smelting.	
			Lect.	Lab.	Lect.	Lab.	Lect.	Lab.
Economics.....	20f	Economics.....	3	0	3	0	3	0
Mechanical engineering.....	11f	Compressed air.....	3	3	3	3	3	3
Mechanical engineering.....	16f	Advanced machine design.....	0	6	0	6	0	6
Metallurgy.....	38f	Metals of engineering.....	2	0	2	0	.....	.....
Mechanical engineering.....	14f	General shop methods.....	3	0	.....	.....	3	0
Mechanical engineering.....	12f	Foundry and forge shop methods.....	.....	.....	2	3	.....	.....
Mechanical engineering.....	21f, 22f	Ore dressing.....	.....	.....	.....	.....	3	3
Metallurgy.....	4f	Mining laboratory.....	.....	.....	.....	.....	0	3
Mining.....		Electives, with at least one non-technical subject*.....	6 hrs.*	.....	5 hrs.*	.....	3 hrs.*	.....

*Second Term*

Department.	No.	Course.	Option.					
			Power plant.		Industrial.		Milling and smelting.	
			Lect.	Lab.	Lect.	Lab.	Lect.	Lab.
Economics.....	20w	Economics.....	3	0	3	0	3	0
Mechanical engineering.....	22w	Steam turbines.....	3	3	3	3	3	3
Mechanical engineering.....	17w	Power plant auxiliary apparatus.....	3	0	3	0	3	0
Mechanical engineering.....	18w	Plant design.....	0	6	.....	.....	.....	.....
Mechanical engineering.....	19w	Refrigeration.....	3	0	.....	.....	.....	.....
Economics.....	21w	Labor problems.....	.....	.....	2	0	.....	.....
Mechanical engineering.....	15w	Machine shop methods.....	.....	.....	2	3	.....	.....
Metallurgy.....	7w	Principles of metallurgy.....	.....	.....	.....	.....	3	0
Metallurgy.....	21w, 22w	Ore dressing.....	.....	.....	.....	.....	3	3
		Electives, with at least one non-technical subject*.....	6 hrs.*	.....	5 hrs.*	.....	3 hrs.*	.....

\*The electives chosen must have the consent of the Professor of Mechanical Engineering.

FOURTH YEAR  
CURRICULUM VI. ELECTRICAL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Economics.....	20f	Economics.....	3	0
Physics.....	18f	Electrical machinery.....	3	0
Physics.....	18	Electrical machinery.....	0	3
Physics.....	19f	Power stations.....	3	3
Metallurgy.....	38f	Metals in engineering.....	2	0
Mechanical engineering.....	16f	Advanced machine design.....	0	6
		Electives.....	5 hrs.	
			22	

*Electives from the following subjects:*

Physics.....	13f	Alternating current theory.....		
English.....	19f	Engineering English.....		
English.....	7, 11, 15	Modern language.....		

*Second Term*

Economics.....	20w	Economics.....	3	0
Physics.....	11w	Electrical machinery.....	3	0
Physics.....	12w	Electrical machinery.....	0	3
Physics.....	16w	Electric railways.....	3	3
Physics.....	21w	Thesis and design.....	0	12
		Electives.....	5 hrs.	
			23	

*Electives from the following subjects:*

Physics.....	13w	Alternating current theory.....		
English.....	19w	Discussion and debate.....		
English.....	9, 13, 17	Modern language.....		



## FOURTH YEAR

## CURRICULUM VII. CHEMICAL ENGINEERING

*First Term*

Department.	No.	Course.	Hours per week.	
			Lect.	Lab.
Economics.....	20f	Economics.....	3	0
English.....	7	Elementary German.....	5	0
Mechanical engineering.....	9f	Power plant.....	3	3
Chemistry.....	53, 54	Industrial chemistry, inorganic....	2	6
		Electives*.....	6 hrs.	
			23 ½	

*Second Term*

Economics.....	20w	Economics.....	3	0
English.....	9	Scientific German.....	5	0
Mechanical engineering.....	9w	Power plant.....	3	3
Chemistry.....	55, 56	Industrial chemistry, organic....	2	6
		Electives*.....	6 hrs.	
			23 ½	

\*Subject to be chosen by consultation with head of department. Students in R. O. T. C. will take as one subject Military M4.

VIII. GRADUATE CURRICULA IN MINE ENGINEERING  
AND IN METALLURGY

Graduates of this and other institutions of equal rank who have obtained the Bachelor of Science degree may matriculate for a course of graduate study in mine engineering or in metallurgy. The minimum requirement is the completion of 40 credit hours, including a thesis. Satisfactory completion of the work leads to the degree of Master of Science in Mine Engineering or Metallurgy, respectively.

## IX. COURSES IN VOCATIONAL TRAINING

The United States Veterans' Bureau, in co-operation with the Missouri School of Mines and Metallurgy, conducts courses for soldiers in topographic engineering, highway engineering, and oil-field engineering. These courses are non-collegiate in character and do not lead to a degree.

The United States Veterans' Bureau also arranges for collegiate work in curricula given by the school for such men as are qualified to take the work.

Special information on the details of the vocational training will be furnished on application to the Director, Missouri School of Mines and Metallurgy, Rolla, Missouri.

## SPECIAL COURSES

The School of Mines and Metallurgy offers for mature students more than 21 years of age who, for legitimate reasons, are unable to take the regular four-year curricula, special courses in mining and metallurgical subjects for which they are properly qualified.

## STATEMENT OF COURSES

The announcement of courses that follows covers the work of the fall and winter terms of 1922-23. The departments are listed alphabetically with the respective courses under each. For the schedule of days and hours, application should be made to the Registrar, School of Mines and Metallurgy, Rolla, Missouri.

## CHEMISTRY

1. **General Chemistry.** This course is a comprehensive study of the general principles of chemistry and of the more important non-metals. The fundamental laws of chemistry are developed in logical order, special attention being given to their application in practical computations. (3) MR. KERSHNER.

2. **General Chemistry.** The laboratory work accompanying general chemistry consists of experiments which are largely quantitative, and which are intended to teach stoichiometrical relations from the first. (3) MR. KERSHNER; MR. REMBERT; MR. KEELING.

3. **General Chemistry.** Continuation of course 1; devoted to the chemistry of the metals, with special consideration of the reactions employed in analytical chemistry. (4) MR. KERSHNER.

6. **Qualitative Analysis.** This course is to accompany the study of the metals in general chemistry and is devoted to the qualitative separation and detection of the metals. (3) MR. KERSHNER; MR. REMBERT; MR. KEELING.

7. **Analytical Chemistry.** The first few periods will be devoted to a discussion of the theory underlying analytical methods. During the remainder of this course the following subjects will be discussed: The balance, weights, and the process of weighing; the gravimetric operations; typical gravimetric analyses; volumetric instruments, their calibration and use; standard solutions; indicators; and typical volumetric analyses. (2) MR. NUDLEMAN.

8. **Gravimetric Analysis.** It is the purpose of this course to lay a broad foundation of analytical principles upon which the student may build by subsequent practice. (3) MR. NUDLEMAN; MR. TAYLOR.

10. **Volumetric Analysis.** A study of the standard elementary volumetric methods, together with technical methods for the determination of iron, copper, lead, zinc, arsenic, antimony, etc. (3) MR. NUDLEMAN; MR. TAYLOR.

12. **Industrial Analysis.** General methods in industrial analysis. The course is designed to illustrate principles and to develop ability in selecting and adapting the methods of standard reference works. (3) MR. NUDLEMAN.

14. **Mineral Analysis.** This course is offered primarily for students who desire to become acquainted with the methods of analysis of matters,

speisses, crude and refined lead and copper bullion, spelter, alloys and similar material. (3) MR. NUDLEMAN.

16. **Water Analysis.** This course is designed to meet the wants of engineering students. Sanitary and industrial water analysis are offered, although students interested in geology may substitute mineral water analysis for some of the work. (3) MR. NUDLEMAN.

18. **Organic Analysis.** A laboratory course in the analysis of commercial organic products. (3) MR. DUNLAP.

21. **Organic Chemistry Aliphatic.** This course is an introduction to the simple organic compounds. Special emphasis is placed on the structure and nomenclature of the aliphatic series. (4) MR. DUNLAP.

22. **Organic Chemistry.** Preparation and purification of typical aliphatic compounds, illustrating general methods of synthesis and technique of manipulations. (3) MR. DUNLAP.

23. **Organic Chemistry Aromatic.** A continuation of 21, extending the consideration of aromatic compounds. The course is introduced by a study of stereo-isomerism based on the chemistry of the carbohydrates. (4) MR. DUNLAP.

24. **Organic Chemistry.** A continuation of 22, illustrating important synthetic processes for typical aromatic compounds, together with a study of the conditions of reactions. (3) MR. DUNLAP.

25. **Organic Chemistry Heterocyclic.** A study of the amino acids, uric acids, terpenes and some of the more complex aliphatic and aromatic compounds. (3) MR. DUNLAP.

26. **Advanced Organic Chemistry.** Advanced preparations followed by intensive study of problems selected for the special needs and ability of the student. (3) MR. DUNLAP.

28. **Organic Processes.** Students are assigned special problems according to their training and preferences. (3) MR. DUNLAP.

31. **General Principles of Chemistry.** A course designed to correlate the prerequisite inorganic analytical, organic, physical and industrial courses and to give training in the application of the general principles of chemistry thru the solution of various problems. (2) MR. NUDLEMAN.

34. **Fuel and Gas Analysis.** A practical course in fuel and gas testing, especially adapted to the needs of engineering students. (1½) MR. NUDLEMAN; MR. TAYLOR.

41. **Physical Chemistry.** This course comprises an introductory study of the physical properties of gases, pure liquids, and simple solutions, with application of mass law, phase rule, optical study, etc. (3) MR. MONROE.

42. **Physical Chemistry.** Laboratory to accompany 41. (3) MR. MONROE.

43. **Physical Chemistry.** A continuation of 41, introducing a discussion of ionization, electrolysis, polarization, conductance, hydration, colloids, etc., in solution; equilibrium and speed of reactions. (2) MR. MONROE.

44. **Physical Chemistry.** Measurement of ionization, conductivity, electro-motive force, resistance, single potentials; electro-deposition of metals, etc. A continuation of 42. (3) MR. MONROE.

45. **Advanced Physical Chemistry.** A discussion of physico-chemical topics, such as: phase rule, osmosis, hydrolysis, transference, etc. (3) MR. MONROE.



47. **The Chemistry of Colloids.** A review of the development of the theory of colloids, together with laboratory demonstrations to illustrate the modern practice in the study of the subject. (3) MR. MONROE.

51. **Industrial Chemical General Processes.** A survey of the classification of industrial chemical literature followed by a study of the types of plant and apparatus used in chemical operations. (3) MR. TURNER.

52. **Industrial Chemical General Processes.** This course is designed to accompany the lectures in general industrial chemistry training, the student to adapt his knowledge to large-scale operations thru the actual manipulation of the apparatus studied in the classroom. (3) MR. TURNER.

53. **Industrial Chemistry, Inorganic.** A study of typical inorganic chemical industries. (3) MR. TURNER.

54. **Industrial Chemistry, Inorganic.** The industrial preparation of typical inorganic products. (3) MR. TURNER.

55. **Industrial Chemistry, Organic.** A study of typical organic chemical industries. (3) MR. TURNER.

56. **Industrial Chemistry, Organic.** The industrial preparation of typical organic products. (3) MR. DUNLAP.

57. **Chemical Industries.** The application of economic principles in chemical industries. (3) MR. TURNER.

58. **Chemical Engineering Data.** A course designed to supplement the work described in 57, consisting mainly of the collection and interpretation of data on the administrative as well as the scientific side of chemical manufacturing. (1½) MR. TURNER.

59. **Chemical Industries.** This course is similar to 57 except that different specific industries are studied. (3) MR. TURNER.

66. **Microscopy of Technical Products.** The microscopical examination and identification of technical materials, including the histological preparation of the sections. The work is supplemented by informal lectures in the laboratory. MR. SHAW.

90, 92, 94, 96. **Senior Problems.** For students who show special aptitude, a number of original problems are usually available. These problems require close attention to laboratory work, and consistent search in the literature and should be elected by students who intend to follow research in pure or applied chemistry. These courses serve as an introduction to independent work. MR. TURNER; MR. DUNLAP; MR. SHAW; MR. KERSHNER.

## CIVIL ENGINEERING

2. **Plane Surveying.** The theory and practice of plane surveying, including the adjustments and uses of transits, levels, and minor instruments; land surveying; traversing; leveling; determination of meridian; mapping; and the usual computations used in connection with plane surveying. (5) MR. MACCARTHY.

4. **Topographic Surveying.** A continuation of the work given in course 102, with the addition of some of the simple astronomical observations, base-line measurement, triangulation, stadia and plane table work, road traversing, and other problems. (3) MR. MACCARTHY.

7f. **Railroad Surveying.** This course is a study of the theory of simple, compound, and reverse curves; frogs and switches; turnouts and cross-overs; and earth work. (5) MR. MACCARTHY.

**13f. Highway Engineering.** This course is designed to prepare the student for positions of minor responsibilities in highway engineering. It treats of the character and types of common roads and pavements; the types of minor highway structures; the testing of materials for highway construction; and the study of approved plans, specifications and estimates. (3) MR. BUTLER.

**11f. Masonry Construction.** The object of this course is to study the fundamental principles underlying the selection, testing, preparation, and uses of the various building materials in masonry structures. The treatment of ordinary and pile foundations, foundations under water, dams, retaining walls, piers, abutments, and culverts are successively studied. (4½) MR. BUTLER.

**11w. Reinforced Concrete.** This course covers the theory and design of reinforced concrete beams, slabs, tanks, dams, culverts, conduits, retaining walls, and columns. (6) MR. BUTLER.

**31f. Masonry Design.** This course is a logical continuation of courses 11f and 11w. It includes the analysis and design of high masonry dams, reinforced concrete dams, long-span arches, concrete standpipes, reservoirs, and the like. (6) MR. HARRIS.

**15w. Stresses.** This course covers the graphic and analytic determination of stresses in the simpler engineering structures, such as derricks, roof trusses, and single-span bridges, under their various loads. Some time is spent on the fundamentals of structural design. (6) MR. BUTLER.

**15f. Framed Structures.** This course is a continuation of course 15w, and covers the complete detailed design, with estimates and bills of materials, of plate girders, bridges, roof trusses, towers, steel building frames, and the like. (6) MR. HARRIS.

**32w. Designing.** The work in this course is selected to accord with the line of work in which the student expects or desires to specialize. He is required to find his material in the library, and to inform himself as to the best current practice relative to the problem assigned. (4½) MR. HARRIS.

**9w. Hydraulics.** The theory of hydrostatics and hydraulics, and its application to the dependent problems in engineering practice; determination of empirical coefficients and their application in determining the flow of water thru orifices, weirs, pipes, canals, and rivers. (4½) MR. HARRIS.

**19f. Water Supply.** This course covers the selection, storing, transporting, purification, and delivery of water to cities and towns. (3) MR. MANN.

**21w. Sewage, Drainage, and Irrigation.** These subjects, having much in common, are grouped together to avoid duplication and repetition. The course includes textbook work, lectures, and research by the student in the library. (5) MR. HARRIS.

**39w. Hydraulic Power, Motors, Pumps, and Fans.** This course includes the theory of hydraulic motors and centrifugal pumps and fans; the various problems of water-power development on rivers; and the economic effect of water storage on water power and the control of floods. (2) MR. HARRIS.

**23w. Railroad Economics.** This course treats of the economic principles involved in the location, revision, operation, and financing of railroads. The work covers train resistances under varying conditions of traffic, grade, and curvature; locomotive performance; valuation of railroad properties; grade separation, etc. (2) MR. MACCARTHY.

## DRAWING

2f. **Elementary Drawing.** This course is designed to give the student a practical working knowledge of correct methods in line and figure drawing with drawing instruments, and in the analysis and execution of standard engineering style of freehand single-stroke lettering. (3) MR. MANN.

2w. **Descriptive Geometry.** This course covers orthographic projection of points, lines, planes, curves, curved surfaces and solids in the four angles of projection; intersections and developments; and linear perspective. (3) MR. MANN.

6f. **Advanced Mechanical Drawing.** The work of this course is to familiarize the student with modern drafting-room practice, drafting technique and conventions peculiar to mechanical, electrical, and structural engineering design; and to prepare him for the advanced work of design in his chosen field. (3) MR. MANN.

6w. **Civil Engineering Drawing.** This course meets certain special needs of civil and mining engineering students, such as freehand lettering for titles and maps; selection of titles of plain but good form; plotting and mapping methods; topographic conventions and symbols; the technique of drafting as applied to structural, bridge, highway, and concrete design; maps for mines; and the drawing and tracing of standard types of engineering structures and structural parts. (3) MR. MANN.

4w. **Machine Drawing.** This course is a specialized continuation of 6f, in which the empirical design and drawing of simple machines and machine parts is taken up. (1½) MR. MANN.

7. **Advanced Civil Engineering Drawing.** Complete design drawings are made for some project or intricate civil engineering structure, as for example, a steel bridge or a dam. Sets of plans and specifications for various such structures are studied in detail. (3) MR. MANN.

8. **Advanced Machine Drawing.** Complete designs of a more or less intricate machine are drawn, and sets of plans and specifications for such machines are studied in detail. (1½) MR. MANN.

9. **Advanced Mapping and Topographical Drawing.** A study of intricate topographic maps and mapping methods used by the United States Geological and Geodetic Surveys and similar organizations; interpretation of topographic maps; and exercise in drawing of relatively difficult topographic maps from notes. (3) MR. MANN.

10. **Formula, Charting, or Graphing.** A study in the plotting or mathematical formulae and equations commonly met with by engineers and scientists. (1½) Interpretation and practical application of graphs. MR. MANN.

## ECONOMICS

1f. **Economic History of the United States.** The agricultural, commercial, and industrial development of the United States from the beginning of colonization down to the present; the effect upon this development of our natural resources, of slavery, of the British colonial policy, of our tariffs; why different sections developed along different lines. (3) MR. BOYCE.

1w. **Economic Geography.** Natural resources of the world; products and industries of different countries and the cause of their location. (3) MR. BOYCE.



**20f. Principles of Economics.** This course deals with the basic principles of the science and their practical applications to present-day problems. (3) MR. BOYCE.

**20w. Principles of Economics.** A continuation of 20f. (3) MR. BOYCE.

**21w. Labor Problems.** Origin of the labor problem; history of labor organizations; the strike, boycott and lock-out; collective bargaining; woman and child labor; conciliation and arbitration; profit-sharing and co-operation; social insurance; labor legislation. (3) MR. BOYCE.

**22. Business Organizations.** A study of various types of business organizations, such as the individual entrepreneur, partnership, joint stock company, pool trust, and holding company, setting forth their advantages and disadvantages, both to the public and to those conducting the business; a constructive program for the elimination of the evil features of large corporations and the preservation of their good ones; growth and probable effect of government regulation and control. (3) MR. BOYCE.

## ENGLISH

**1f. Rhetoric and Composition.** This course is a study of the theory of exposition, with especial attention to the paragraph and to the correct and effective sentence. A large amount of written work is required of the student in order that he may gain facility in the use of clear, idiomatic expression. (3) MR. JOHNSON; MR. HENNING; MR. LLOYD.

**1w. Rhetoric and Composition.** This course is a continuation of 1f. (3) MR. JOHNSON; MR. HENNING; MR. LLOYD.

**2. Advanced Composition.** This course is offered to students who prefer additional work in English composition to work in literature. (3) MR. BARLEY; MR. JOHNSON.

**3f. The Short Story.** An extended reading course in selected short stories, together with a critical study of representative specimens of this literary type. (3) MR. BARLEY; MR. JOHNSON.

**3w. The Novel.** A reading course in representative English and American novels of the nineteenth century and of the present day (3). MR. BARLEY.

**23f. Masterpieces.** A critical study of selected masterpieces of the world's literature. (3) MR. BARLEY.

**23w. American Literature.** An advanced course in the history and development of literature in the United States, with particular reference to the period following the Civil War. (3) MR. JOHNSON.

**5f. Shakespeare.** Five or six of Shakespeare's plays are carefully studied in class and several more are required as collateral reading. (3) MR. BARLEY.

**5w. Contemporary Drama.** A reading course in the drama of the present day, supplemented with lectures. (3) MR. BARLEY.

**19f. Engineering English.** An advanced course in oral and written technical reports and in the details of engineering writing. (2) MR. BARLEY.

**19w. Discussion and Debate.** The primary aim of the course is to give students training in clear and logical oral expression. Topics of general and of engineering interest will be discussed and debated. (2) MR. BARLEY.

## MODERN FOREIGN LANGUAGES

The modern foreign languages offered are German, French, and Spanish. Ten hours of German are required in Curriculum VII, and ten hours of either German or French are required in Curriculum IV. Languages are elective in Curricula I, III, V, VI. At present the United States Geological Survey requires German or French in its civil service examinations. Students who expect to qualify for this work are advised to elect one or both of these languages. Students who expect to engage in work in Central America or South America are advised to elect Spanish. No advanced standing will be given for high school credits in language except by examination.

7. **Elementary German.** (8) MR. HENNING.
9. **Scientific German.** (5) MR. HENNING.
11. **Elementary French.** (5) MR. CAMBIAIRE.
13. **Scientific French.** (5) MR. CAMBIAIRE.
15. **Elementary Spanish.** (5) MR. CAMBIAIRE.
17. **Advanced Spanish.** (5) MR. CAMBIAIRE.

## GEOLOGY AND MINERALOGY

1f. **Crystallography.** Elementary crystallography, including the study of models and natural crystals. This course may be taken independently or in conjunction with petrography. (1½) MR. MUILENBERG.

1. **Mineralogy.** A brief summary of the principles of crystallography as applied to the identification of minerals, followed by a thorough drill in the recognition of about one hundred and seventy-five species. Determination of unknowns by means of the blow-pipe. (3) MR. INGERSON.

2w. **Rocks and Minerals.** A study of the common ore and rock-forming minerals and types of rocks. This course is intended for civil engineering students, the same ground being covered more thoroughly in courses 1 and 5f, so that full credit may not be had for it and either of these two, and it may not be substituted for part of them. (1½) MR. INGERSON.

11f. **Optical Mineralogy.** See Geology 11f.

3f. **General Geology.** Dynamic geology. A somewhat detailed account of geologic processes. The larger topics are treated more exhaustively than in the required text. Local field trips. (3) MR. DAKE

3w. **General Geology.** Introductory structural and historical geology. Typical geological structures and their effects on the physiographical development of the earth's surface are considered for the first eight weeks. Geologic history is then traced from the beginning of the record to the present. (3) MR. DAKE; MR. BRIDGE.

4w. **General Geology.** Laboratory exercises in reading topographic and geologic maps, and in the construction of profile and geologic sections and simple geologic maps. These exercises are designed to illustrate the subject-matter of the earlier lectures of course 3w, and occupy nine weeks excursions and field practice in elementary geologic mapping, the remainder of the semester. (3) MR. DAKE; MR. INGERSON.

19w. **General Geology.** An introductory course in general geology adapted to the general needs of students in civil engineering. (3) MR. BRIDGE.

7f. **Geology of the United States.** The physiography and stratigra-

phy, economic products, and geologic history and structure of the chief geologic divisions of the United States. (3) MR. BRIDGE.

24f. **Stratigraphy.** An advanced course in stratigraphic and metamorphic geology, special emphasis being given to sedimentation. (3) MR. BRIDGE.

13w. **Structural Geology.** An advanced course in the study of rock deformation, including a review of the theories of the origin of the earth; a discussion of the zones of rock fracture and rock flowage; a classification and discussion of cleavage, joints, faults, folds, autoclastic rocks, conglomerates and pseudo-conglomerates; and a consideration of mountain-building forces, with application to special districts. The course is intended to follow 24f. (3) MR. DAKE.

16w. **Advanced Geology.** An advanced course in the study and interpretation of topographic and geologic maps. (3) MR. MUILENBERG.

15w. **Geology Conference.** The conference consists of a discussion by the students and instructors of geologic problems and literature. (1) MR. DAKE.

5f. **Lithology.** A study of the structure, texture, mineral and chemical composition and the manner of formation and occurrences of igneous, sedimentary, and metamorphic rocks. (2½) MR. MUILENBERG.

11f. **Petrography.** The semester is devoted to the study of optics as applied to the determination of minerals by the polarizing microscope, the identification of minerals in thin sections, and the preparation of material for microscopic study. (6½) MR. MUILENBERG.

11w. **Petrography.** A study of origin, classification, and nomenclature, relations and alterations of rocks, together with the petrographic analysis and the recalculation of the chemical analyses of rocks. (5) MR. MUILENBERG.

9f. **Economic Geology.** A study of the origin, occurrence and distribution of the metallic ores. Various type deposits of the world are considered, special attention being given to those of the United States. The ores of the following metals are considered: Zinc, lead, copper, gold, silver, nickel, cobalt, iron, manganese, tin, mercury, tungsten, platinum, and aluminum. (3) MR. MUILENBERG.

9w. **Economic Geology.** A study of the origin, occurrence and distribution of the economic deposits of the non-metals. The subjects covered are as follows: Coal, oil and gas, clays, cements, gypsum, salt, sulphur, sulphides, building stone, abrasives, gems, soils and fertilizers. (3) MR. MUILENBERG.

14f. **Field Geology.** The course consists of both field and laboratory work. The field work consists of making topographic and geologic maps, with suitable sections and reports of assigned areas. The laboratory work includes the calculation of field notes and making maps and the final drafting of the field work. (3) MR. DAKE; MR. COOKE.

17f. **Oil and Gas.** A detailed study of the oil and gas deposits of the United States with reference to foreign fields. The origin and occurrence of oil and gas as well as the geological and structural conditions of the various fields are taken up, followed by a study of the field methods in petroleum geology. (3) MR. DAKE.

18f. **Oil and Gas.** Laboratory work in the interpretation and preparation of production maps, sand maps, and structural maps. (1½) MR. DAKE.



50. **Paleontology.** A general introduction to the study of invertebrate fossils. Emphasis is placed on the index fossils of the different periods, and on the use of paleontological literature. (3) MR. BRIDGE.

12. **Senior Trip.** During the second semester of the senior year a trip is taken to Joplin, St. Louis, Flat River, and other points in the Missouri lead districts, for the purpose of studying mining, ore dressing, smelting, geology, and power plants in these districts. MR. MUILENBERG.

40. **Special Geology.** Special studies in geology, hours and subjects to be arranged with each student.

## HYGIENE AND STUDENT HEALTH

1. **Hygiene.** (1) MR. SHAW.

2f. **General Zoology.** Lectures introductory to the study of the entire field of animal life. (3) MR. SHAW.

3f. **General Zoology.** Laboratory to accompany course 2f. (3) MR. SHAW.

4w. **General Botany.** A general course presenting the fundamental features of plant life. (3) MR. SHAW.

5w. **General Botany.** Laboratory and field work to accompany course 4w. (3) MR. SHAW.

20f. **General Bacteriology.** This course deals with general bacteriology and with the relation of bacteria to the public health. (2) MR. SHAW.

21f. **General Bacteriology.** The laboratory course to accompany course 20f. The work deals with the preparation of media cultural and staining methods, diagnostic tests, and the examination of the more common bacteria. (2) MR. SHAW.

## MATHEMATICS AND MECHANICS

3f. **Plane and Spherical Trigonometry.** This is a college course in trigonometry, and high school credits in trigonometry will not be accepted in its place. (5) MR. DEAN; MR. PRITCHARD; MR. HINSCH.

7w. **Analytical Geometry.** The object of this course is to familiarize the student with methods, rather than with any particular set of curves. Differentiation of algebraic functions. (5) MR. DEAN; MR. PRITCHARD; MR. HINSCH.

9f. **Differential Calculus.** Derivation of formulae for differentials and derivatives and their application in solution of problems involving rates, velocities, accelerations, tracing of curves, maxima and minima. (4) MR. DEAN; MR. PRITCHARD; MR. HINSCH.

9w. **Integral Calculus.** The principles of integration, with special stress on the forms occurring in mechanics and physics. Evaluation of areas, moments, moments of inertia, determination center of gravity and center of pressure. (4) MR. DEAN; MR. HINSCH; MR. PRITCHARD.

17w. **Theoretical Mechanics.** (3) MR. GARRETT.

19. **Mechanics of Materials.** (3) MR. GARRETT.

20. **Materials Laboratory.** This course is to be taken with 19. It includes the study of testing machines and strain-measuring apparatus; and physical tests in tension, compression, flexure and torsion of cast iron, wrought iron, structural steel, timber, etc., laboratory and computing-room periods. (1½) MR. UPDIKE; MR. CAIRNS.

**23. Advanced Theoretical Mechanics.** This course is an extension of 17w, giving special attention to dynamos, with technical applications.

(3) MR. GARRETT.

**21. Advanced Mechanics of Materials.** This course begins with a more advanced study of certain parts of the work covered in 19, and includes further a discussion of such subjects as combined stresses, inertia circle and ellipse, kern, beams of unsymmetrical section, curved beams, flat plates and thick cylinders. (3) MR. GARRETT.

**11. Advanced Calculus.** (5) MR. DEAN; MR. PRITCHARD.

**35. Mathematical Physics and Chemistry.** Advanced mathematical theory of heat, light, sound, electricity and magnetism, thermodynamics, thermochemistry, electrochemistry, chemical statics and dynamics. (5) MR. DEAN.

**37. Statistical Mechanics.** Probability and least squares, kinetic theory of gases, kinetic theories in thermodynamics and chemistry, applications of Hamilton's dynamical methods, electron theory. (5) MR. DEAN.

## MECHANICAL ENGINEERING

**2w. Forge Shop.** This course offers instruction in elementary forge work. (3) MR. UNDERWOOD.

**4f. Pattern Shop and Foundry.** This course offers instruction in elementary pattern-making and foundry operations. (4) MR. UNDERWOOD.

**4w. Machine Shop.** This course offers instruction in elementary machine shop work and includes metal-welding. (3) MR. COREY; MR. UNDERWOOD AND ASSISTANTS.

**14f. General Shop Methods.** This course presents a general study of forge, pattern, foundry and machine shop methods. Most of the time is devoted to a study of tools and methods of manufacturing various parts of machines; the balance of the time will be spent on the study of the executive work in connection with shops. MR. BOWEN.

**12f. Foundry and Forge Shop Methods.** This course presents a study of pattern shop, foundry and forge shop methods. About half the time will be spent in study of the tools, apparatus, and methods of work in these shops; the balance of the time will be devoted to a study of the executive work in connection with these shops. MR. BOWEN.

**15w. Machine Shop Methods.** This course presents a study of machine shop methods. About half the time will be spent in the study of tools, apparatus and methods of doing the actual work in machine shops; the balance of the time will be spent in study of the executive work in relation to machine shops. MR. BOWEN.

**10f. Thermodynamics.** This course offers a study of the fundamental theories of the heat action of perfect gases, theoretical heat-engine cycles, actual steam cycles, flow of steam thru nozzles, and thermodynamic efficiencies. (3) MR. JACKSON.

**8w. Heating and Ventilation.** This course treats of the theory and application of the principles of heating and ventilation. The parts of the subject studied include the heat transmission in buildings; types of heating boilers, radiators and steam coils, steam, hot-water and hot-air heating systems, air conditioning and ventilation. (2) MR. JACKSON.

**5f. Elementary Heat Power Apparatus.** This course presents a study of the theory, the thermodynamics and mechanical principles of elementary heat-power apparatus. Boilers are studied with respect to type, fuels,

combustion feed water, economy and principles of operation. Steam engines are studied with respect to type, steam action, valve gears, governing, testing, economies, and mechanical forces acting in the machines. MR. JACKSON.

**6w. Internal Combustion Engines.** This course presents a study of the theory, thermodynamics and mechanical principles of internal combustion engines. The thermodynamics, theoretical and actual cycles of operation, ignition, valve gears, governing, testing, economies, and mechanical forces acting, of the various gas and oil engines will be studied. Gas producers will be studied from a heat and mechanical basis. MR. JACKSON.

**3f. Mechanisms.** This course presents a study of the kinematic and elemental force actions in simple mechanisms. The subjects dealt with include motions, velocities, velocity diagrams, accelerations, instantaneous centers, cams, gearing and belting. (3) MR. JACKSON.

**7w. Elementary Machine Design.** The proper materials to use, the proportioning of parts, the theory of force actions in such parts as riveted joints, couplings, springs, shafting, belting, pulleys, and simple spur and bevel gears, will be studied. (2) MR. MILLER.

**11f. Compressed Air.** This course presents a study of the theory of air compression in reciprocating and centrifugal machines and of the measurement and transmission of compressed air, and its application in industrial work. MR. HARRIS.

**22w. Steam Turbines.** This course presents a study of the theory, thermodynamic and mechanical principles of the steam turbine, types of turbines, thermodynamic action, steam flow. MR. JACKSON.

**16f. Advanced Machine Design.** This course offers work in the design of machine parts more difficult than those given in 7w and in the design of complete simple machines. The problems taken up will include such parts as clutches, spur, bevel and worm gears, bearings, connecting rods, presses and shears. (5) MR. MILLER.

**17w. Power Plant Auxiliary Apparatus.** The course offers a study of the auxiliary apparatus used in steam and internal combustion engine power plants. It deals with pumps, feed water heaters, economizers, stokers, coal and ash handling systems, condensers, auxiliaries, cooling towers and ponds, valves, pipes and piping systems. MR. JACKSON.

**18w. Plant Design.** The course offers work in the design of simple plants for industrial purposes. The problems will include heating and ventilating systems, selection and layout of machinery and line shafting design of an internal combustion engine plant, and of a complete steam power plant, for electric light, water and power service. (5) MR. JACKSON.

**19w. Refrigeration.** This course will cover the mediums, processes, and mechanical principles of refrigerating machines, the types of ice and cold-storage systems, refrigerating building insulation, pipes, piping systems, valves, and auxiliary refrigerating apparatus. (2) MR. JACKSON.

**20f. Hydraulic Turbines.** This course will include the theory of operation, types, governing, operating characteristics, and design of hydraulic turbines. (3) MR. MILLER.

**20w. Seminar.** This course offers a study of modern mechanical apparatus. The work will consist each week of a paper presented by a members of the class on a subject in his particular field of study. MR. JACKSON.

**9f. Power Plants.** This course offers a study of power plants in general. The work will include steam boiler types, fuels, combustion prin-



ciples, the steam engine, elementary thermodynamics, valve gears, governing, indicating, testing, economies and operation. (3) MR. JACKSON.

9w. **Power Plants.** This course offers a continuation of the study of power plants in general. The work will include steam turbines, internal combustion engines, gas producers and auxiliary apparatus. (3) MR. JACKSON.

13. **Work in Practice.** The time is spent in the employ of some industrial organization whenever it is possible to make arrangements for such employment. Complete notes are required on the work performed and the processes studied.

## METALLURGY

1. **Fire Assaying.** This course deals with the theory of fire assaying by scorification and crucible methods of ores and metallurgical products. (2) MR. CLAYTON; MR. BAINS.

2. **Fire Assaying.** In this laboratory work ores and metallurgical products are assayed by fire and by combination methods. During the course the student has practice with coal furnaces, coke furnaces, and gas-oline furnaces. (3) MR. CLAYTON; MR. BAINS; MR. UPDIKE.

4. **Fire Assaying.** This course covers briefly the work outlined in metallurgy 2. (1½) MR. CLAYTON; MR. BAINS; MR. UPDIKE.

7f. **Introductory Metallurgy.** The work in the laboratory will teach the student the practice of sampling, leaching, fuel testing, temperature measuring, etc. In the classroom verbal and written reports will be made on all experiments. (2½) MR. CLAYTON.

7w. **Principles of Metallurgy.** This course is an introduction for the advanced metallurgical courses. In this course much attention is given to the methods of attacking various metallurgical problems. (3) MR. CLAYTON.

8f. **Principles of Metallurgy.** This course shows the application of the principles discussed in course 7w. (1½) MR. CLAYTON; MR. UPDIKE.

9w. **Metallurgy of Iron and Steel.** This course takes up in detail the study of iron and steel, production, thermal treatment and metallography. (4½) MR. CLAYTON.

13f. **Metallurgical Calculations.** The problems given in this course are the common ones that the metallurgist meets in practice. (1½) MR. CLAYTON; MR. UPDIKE.

11f. **Metallurgy of the Non-Ferrous Metals.** This course includes a study of the metallurgy of lead, copper, zinc, gold, silver, tin, antimony and aluminium. (4) MR. CLAYTON.

12f. **Metallurgy of the Non-Ferrous Metals.** This course is given not only to show the practical application of the principles of 11f, but also to prove the statement that "Each ore is a problem in itself." (1½) MR. CLAYTON.

11w. **Metallurgy of the Non-Ferrous Metals.** This course is a continuation of 11f. (4) MR. CLAYTON; MR. BAINS.

12w. **Metallurgy of the Non-Ferrous Metals.** This course is a continuation of 12f. (1½) MR. CLAYTON.

17w. **Electro-Metallurgy.** This course is devoted to the study of all metallurgical operations in which electricity plays a part, either electrolytically or electrothermically. Efficiency calculations based on these processes are given. (3) MR. BAINS.

18w. **Electro-Metallurgy.** To accompany 17w. (3) MR. BAINS.

21f. **Ore Dressing.** The construction and theory of machines are presented in lectures, supplemented by a full equipment of models, which show the design of all common ore-dressing appliances. The latter part of the course deals with the management of mills and with the adaptation of processes to the successful treatment of various ores. (3) MR. THORNBERRY.

22f. **Ore Dressing.** The student becomes familiar with the operations and care of milling machinery by actual laboratory experience. All types and classes of machines are available to illustrate principles and practice as presented in the lecture work. (1½) MR. THORNBERRY.

21w. **Ore Dressing.** This course is a continuation of 21f. (3) MR. THORNBERRY.

22w. **Ore Dressing.** To accompany 21w. (1½) MR. THORNBERRY.

26w. **Ore Dressing Problems.** This course includes the determination of a practical process for treating a given ore, and the design for a mill for utilizing this process. (3) MR. BAINS; MR. THORNBERRY.

38f. **Metals in Engineering.** A short course in metallography devoted to the study of physical metallurgy as it is important to the users of metals, engineers and constructors in general. (2) MR. UPDIKE.

31f. **Alloys and Metallography.** The lectures deal with the theoretical and practical considerations that influence the structures and properties of metals and alloys. (2) MR. CLAYTON.

32f. **Alloys and Metallography.** Must accompany 31f. (3) MR. CLAYTON.

35w. **Alloys and Metallography.** This course is a continuation of 31f. (2) MR. CLAYTON.

36w. **Alloys and Metallography.** (1½) MR. CLAYTON.

45. **Thesis.** A thesis subject is chosen by the student or assigned by the department on some metallurgical or allied subject. The subject should be approved by the department at the beginning of the senior year to allow ample time for outlining and planning the work. (At least 3)

46. **Work in Practice.** Summer vacation following the junior year, 12 weeks, 42 hours per week. Required in II. To receive a degree in metallurgy the student must work in an industry in which he is specializing for a period of not less than twelve weeks.

47. **Inspection Trip.** Summer vacation following the junior year, four weeks, 42 hours per week. When conditions are such that requirement 46 cannot be fulfilled the student may spend a period of at least four weeks making a detailed report of a certain plant or plants to which he may be assigned.

48. **Senior Trip.**

## MINING

5f. **Mine and Railroad Surveying.** The theory and practice of mine surveying are presented by lectures. About one-third of the time is devoted to railroad surveying, studying the theory of simple, compound and reverse curves, frogs and switches, turnouts and cross-overs and earthwork. (3) MR. FORBES.

6f. **Mine and Railroad Surveying.** In this course the original field notes of complete metal mine and coal mine surveys are given to the student, from which he works up the complete records for the mine office. Practical work in mine surveying at the school mine is also a part of this

course. About one-fourth of the time is devoted to practice in railroad surveying. (3) MR. FORBES; MR. STROUP.

4f. **Mining Laboratory.** Practical work in rock drilling and blasting, timbering, sharpening steel, track laying, mucking and operating of mine power plant. (1½) MR. FORBES.

3w. **Mining.** A study of rock excavation, including rock drilling, explosives and blasting, supporting excavations, tunneling and shaft sinking, hoisting and haulage. (4) MR. FORBES.

11w. **Mining.** This course is a continuation of the work of the junior year and includes the study of prospecting, sampling and estimation of ores, mine valuation, mining costs and mining methods. The principles of mining law are also reviewed. (4) MR. FORBES.

12. **Senior Trip.** During the second semester of the senior year, a two weeks' trip is taken either to the Joplin district, or to Flat River and other points in the Southeast Missouri lead district, for the purpose of studying mining, ore dressing, smelting, and power plants in these districts. MR. FORBES.

13f. **Coal Mining Methods and Ventilation.** A detailed study. A large part of the course is devoted to problems in mine ventilation. (4) MR. GUITERAS.

20f. **Mine and Mill Design.** This course covers the graphic and analytic methods of determining stresses in the simpler engineering structures used in mining. (5) MR. MANN.

20w. **Mine and Mill Design.** This course is a continuation of course 2f and covers the complete design, with estimates and bills of materials for the complete equipment of a given mine or mill. (3) MR. GUITERAS.

2f. **Principles of Mining.** A special course in mining for metallurgists, designed to acquaint them with mining methods and conditions, so that they may be better fitted to co-operate with the mine management. (3) MR. GUITERAS.

14w. **Oil Production Methods.** A study of well drilling and oil production methods. (3) MR. GUITERAS.

15w. **Oil Mapping and Graphic Chart.** This is a drafting-room course that includes a study of methods used by the large producing oil companies in their engineering and statistical departments. The work consists of making oil maps, graphic charts, and valuation curves. (1½) MR. WOOLRYCH.

16w. **Thesis.** A thesis may be elected for a part of the second semester's work in the senior year. MR. FORBES.

17. **Work in Practice.** Before receiving a degree in the mining course, in addition to completing the curriculum as outlined, a student must have worked for not less than twelve weeks at some mine, mill or smelter or have been engaged in geological work or other work recognized as being along the mining lines, for the same length of time. If he is not able to fulfill this requirement, he may, at the end of the junior year, spend not less than four weeks in observation, note-taking and sketching at some mine or mill approved by the department.

## PHYSICS

1f. **General Physics.** This course includes the study of the mechanics of solids, liquids, and gases, and of heat, including an introduction to thermodynamics. (4) MR. WOODMAN; MR. RATLIFF.



2f. **General Physics.** The laboratory is quantitative and aims, as far as possible, to instruct the student in the methods of physical measurement and the derivation of the relations between the quantities measured.

(3) MR. WOODMAN; MR. RATLIFF.

3w. **General Physics.** This course includes the study of electricity and magnetism, sound and light. (4) MR. WOODMAN; MR. RATLIFF.

4w. **General Physics.** This course deals with the subjects studied in 3w, and the method is the same as that outlined in 2f. (3) MR. WOODMAN; MR. RATLIFF.

5f. **Electricity and Magnetism.** This course will include a mathematical discussion of fields of force, potential, capacity, resistance, and inductance. (3) MR. WOODMAN.

6f. **Electricity and Magnetism.** This course will include the standard experiments in electrical measurements. (1½) MR. WOODMAN.

9w. **Light.** This course will include an experimental and mathematical discussion of reflection, refraction, and polarization of light. There will be a discussion of spectroscopy and an introduction to the electromagnetic theory of light. (3) MR. RATLIFF.

10w. **Light.** This course is based on the work covered in 9w. (3) MR. RATLIFF.

23f. **Heat.** This course will include an experimental and mathematical discussion of thermometry; laws of gases; expansion of solids, liquids and gases; calorimetry; change of state; vapors; mechanical equivalent of heat; and a brief discussion of thermodynamics. (3) MR. RATLIFF.

24f. **Heat.** This course is based on the work covered in 23f. (1½) MR. RATLIFF.

25w. **Radioactivity.** This course will be largely historical and descriptive of the radioactive processes. (3) MR. WOODMAN.

26w. **Radioactivity.** Opportunity will be given in the laboratory to repeat some of the simpler experiments with radioactive substances. (1½) MR. WOODMAN.

13f. **Alternating Current Theory.** This course includes the mathematical theory of simple harmonic motion, the analysis of wave forms by means of Fourier's series, a discussion of the circuit equations for both direct and alternating currents, and the elementary theory of the transformer. (3) MR. WOODMAN.

13w. **Alternating Current Theory.** This course is a continuation of 13f, and continues the discussion of the topics indicated under that course. (3) MR. WOODMAN.

17f. **Elements of Electrical Engineering.** This course will include the fundamental laws of electric and magnetic circuits; laws of direct current circuits; laws of alternating current circuits having harmonic electromotive forces; and the principles of electrical systems and machines. (3) MR. FRAME; MR. LOVETT.

17. **Elements of Electrical Engineering.** This course includes the calibration of instruments; the measurement of the magnetic properties of iron and steel; the measurement of resistance, current, potential, capacity and inductance; and the characteristic curves of dynamos and transformers. (1½) MR. FRAME; MR. LOVETT.

14w. **Elements of Electrical Engineering.** This course is a continuation of 17f. (3) MR. FRAME; MR. LOVETT.

15w. **Elements of Electrical Engineering.** This course is a continuation of 17. (1½) MR. FRAME; MR. LOVETT.

12w. **Electric Transmission and Distribution.** This course includes the study of the construction and operation of long-distance transmission lines and overhead and underground distributing systems; plans and specifications of distribution and transmission systems; and the cost of production and distribution of power. (4½) MR. LOVETT.

18f. **Electrical Machinery.** This course includes a study of the various types of direct and alternating current machines with reference to their construction, operation, and uses in power work and industrial processes. (3) MR. FRAME.

18. **Electrical Machinery.** This course will include laboratory practice on the construction, theory of operation, characteristics, efficiency, and heating of dynamos and transformers. (1½) MR. FRAME.

11w. **Electrical Machinery.** This course is a continuation of 18f. (3) MR. FRAME.

12w. **Electrical Machinery.** This course is a continuation of 18. (1½) MR. FRAME.

19f. **Power Stations.** This course includes a study of the electrical equipment and operation of central power plants and substations. (4½) MR. LOVETT.

16w. **Electric Railways.** This course includes a study of the railway motor and auxiliaries; control of railway motors; train performance curves; signal service; track construction; electric locomotives; and commercial tests on standard machines. (4½) MR. LOVETT.

21w. **Thesis and Design.** Each student is assigned a problem which will require original thought and investigation. He is expected to submit a complete report of his work, including the experimental processes involved, and the design of any special equipment or apparatus required in the solution of the problem. MR. WOODMAN; MR. FRAME.

22. **Work in Practice.** This work should be done during the summer vacation following the junior year.

---

### FOR FURTHER INFORMATION

For additional information concerning the School of Mines and Metallurgy, address

DIRECTOR, MISSOURI SCHOOL OF MINES,  
ROLLA, MISSOURI.

# Section V. List of Students

## CALENDAR YEAR 1921

### AT COLUMBIA

EXPLANATION: The following abbreviations are used to indicate the college or school in which the student is enrolled—*Agr.*, College of Agriculture; *Arts*, College of Arts and Science; *B. & P. A.*, School of Business and Public Administration; *Educ.*, School of Education; *Eng.*, School of Engineering; *Grad.*, Graduate School; *Jour.*, School of Journalism; *Law*, School of Law; *Med.*, School of Medicine.

In indicating the class in the professional schools: *1st Yr.*, *2nd Yr.*, *3rd Yr.*, *4th Yr.*, *5th Yr.*, *Spec.*, Special. In the colleges: *Sr.*, Senior; *Jr.*, Junior; *Soph.*, Sophomore; *Fr.*, Freshman; *Spec.*, Special; *S. C.*, Short Winter Course; *N. C.*, Non-Collegiate.

A degree following a student's name has been awarded by the University of Missouri unless otherwise indicated.

Name	Division	Class	Postoffice	County
Aarons, Leslie L.	Agr.	N. C.	O'Fallon	St. Charles.
Abbott, Mrs. Edward, B. S. in Agr.	Grad.		Waverly	Lafayette.
Abbott, Frank Levi.	Jour.	2nd Yr.	Union, Ia.	
Abernathy, Byron L.	Jour.	2nd Yr.	Joplin	Jasper.
Abernathy, Lewis Grover, B. S., M. S. (Central College), A. M.	Grad.		Columbia	Boone.
Ackert, Harold.	Arts.	Fr.	St. Louis.	
Adair, Robert Bullock.	Arts.	Fr.	Archie.	Cass.
Adams, Asa James.	Agr.	N. C.	Clinton.	Henry.
Adams, Eaton.	Arts.	Fr.	Kansas City.	Jackson.
Adams, Edward Randolph, B. S. in Ed.	Grad.		Goodland.	Iron.
Adams, Edward Stearns.	Eng.	Soph.	Tipton	Moniteau.
Adams, Ernestine (Wesleyan).	Arts.	Fr.	Crescent, Okla.	
Adams, Hermia F.	Educ.	Spec.	Browning.	Linn.
Adams, John Quincy.	Arts.	Jr.	Columbia.	Boone.
Adams, John Sherman.	Agr.	Fr.	Goodland.	Iron.
Adams, Milton Byron.	Agr.	Soph.	Weston.	Platte.
Adams, Thos. Calhoun.	Arts.	Fr.	Tipton.	Moniteau.
Adams, Virginia Zoe.	Educ.	Spec.	Belgrade.	Washington.
Adams, Viva Mae.	Educ.	1st Yr.	Hoberg.	Lawrence.
Adams, Wilbur Loring.	B. & P. A.	1st Yr.	Carrollton.	Carroll.
Adkinson, Ernest Ephraim.	Agr.	N. C.	East Prairie.	Mississippi.
Adomaitis, Paul Matthew.	Law.	1st Yr.	Columbia.	Boone.
Adrian, George C.	Agr.	N. C.	Kansas City.	Jackson.
Adrean, Mrs. Phyllis Andre.	Arts.	Jr.	Tulsa, Okla.	
Adrean, Vernon Lee.	Arts.	Spec.	Tulsa, Okla.	
Agee, Donald Van.	Law.	2nd Yr.	Louisiana.	Pike.
Agee, Elizabeth.	Jour.	1st Yr.	Columbia.	Boone.
Agee, Eugene F.	Educ.	Spec.	Versailles.	Morgan.
Ahmann, Chester Frederick, A. B. (Central Wesleyan).	Grad.		Columbia.	Boone.
Ahmann, Mrs. Chester F.	Arts.	Spec.	Columbia.	Boone.
Ahn, Soon Nahm.	Arts.	Soph.	Honokoa, T. H.	
Aiken, Bernard.	Arts.	Fr.	Reno, Nev.	
Aiken, Charlotte.	Arts.	Fr.	Kansas City.	Jackson.
Aker, Lewis Preston.	Eng.	Fr.	Kansas City.	Jackson.
Alava, Petronio.	(Arts.) (Med.)	Sr. 2nd Yr.		
Albert, Ernest C.	Agr.	S. C.	Pila, P. I.	
Albertson Fred W., B. S. in Ed. (Ft. Hays Normal).	Grad.		St. Louis.	
Albrecht, William G.	Agr.	S. C.	Hays, Kan.	Cedar.
Albus, Leon H.	Eng.	Sr.	Jerico Springs.	Buchanan.
Alcorn, Avary Hunt.	Arts.	Fr.	St. Joseph.	Ray.
Alderson, Thomas William.	Arts.	Fr.	Hardin.	Gentry.
Aldrich, G. Frank.	Arts.	N. C.	King City.	
Alexander, Forrest E.	Arts.	Fr.	Eldorado Springs.	Cedar.
Alexander, Mabel.	Law.	2nd Yr.	Columbia.	Boone.
	(Educ.)	2nd Yr.		
Alexander, Marion J.	(Arts.)	Jr.	Columbia.	Boone.
Alexander, Nina Kathryn.	Arts.	Fr.	Morrisville.	Polk.
Alexander, Perry.	Arts.	Fr.	Clinton.	Henry.
Alexander, Ralph Lee.	Agr.	S. C.	Buffalo.	Dallas.
Alexander, Sterling Jackson.	Arts.	Soph.	Clinton.	Henry.
Ali, Mohamed Ahmed.	Arts.	Fr.	Monroe City.	Marion.
	Agr.	Sr.	Cairo, Egypt.	



Name	Division	Class	Postoffice	County
Allbright, Chas. B.	Arts.	Soph.	Fredericktown.	Madison.
Aldredge, Floyd Martin	Arts.	Jr.	Mount Vernon, Ind.	
Aldredge, Samuel Marcus	Educ.	2nd Yr.	Mount Vernon, Ind.	
Aldredge, Mrs. Samuel Marcus	Arts.	Spec.	Mount Vernon, Ind.	
Allen, Earl A.	Agr.	N. C.	Trenton.	Grundy.
Allen, Earleene	Arts.	Sr.	Butler.	Bates.
Allen, Edith Marion	(Arts.) (Educ.)	Sr. 2nd Yr.	Boonville.	Cooper.
Allen, Elbert Frank, A. B. (Ind. St. N. S.), A. M.	Grad.		Columbia.	Boone.
Allen, Elizabeth Marguerite	Arts.	Sr.	St. Joseph.	Buchanan.
Allen, Harold Lloyd	Agr.	Fr.	Oregon.	Holt.
Allen, John Benjamin	Eng.	Fr.	Columbia.	Boone.
Allen, Joseph Hunter	Arts.	Sr.	St. Joseph.	Buchanan.
Allen, Laura Frances	Arts.	Spec.	Huntsdale.	Boone.
Allen, Leslie L.	Arts.	Sr.	Grove, Okla.	
Allen, Louise	Arts.	Fr.	Kansas City	Jackson.
Allen, Marion Lafayette	Eng.	Sr.	Carrollton.	Carroll.
Allen, Mary	Arts.	Soph.	Little Rock, Ark.	
Allen, Nathan H.	Agr.	Sr.	Pleasant Hill.	Cass.
Allen, Norvell Christian	Agr.	Soph.	Keytesville.	Chariton.
Allen, Ollie Everett	Agr.	Soph.	Independence.	Jackson.
Allen, Mrs. Pearl St. Clair	Arts.	Fr.	Columbia.	Boone.
Allen, Thaddeus Stephenson	Jour.	1st Yr.	Fairmount, Minn.	
Allen, Thomas Beauford, Jr.	Agr.	Soph.	St. Joseph.	Buchanan.
Allen, Wm. E.	Agr.	Jr.	Columbia.	Boone.
Allton, James Miller	Educ.	1st Yr.	Columbia.	Boone.
Altheuser, Lillian Hermina	Educ.	1st Yr.	Caledonia.	Washington.
Alworth, Graydon Norman	Eng.	Sr.	Columbia.	Boone.
Ambrose, Nellie Clark	Arts.	Soph.	Columbia.	Boone.
Ament, Orville Webster	Arts.	Soph.	Kansas City	Jackson.
Amery, Mary Elizabeth	Educ.	2nd Yr.	Norborne.	Carroll.
Ames, Emily Catherine	Educ.	1st Yr.	Webster Groves.	St. Louis.
Amick, Marion Guy	Eng.	Fr.	Novinger.	Adair.
Anderson Clay Jefferson	Arts.	Soph.	Lone Jack.	Jackson.
Anderson, Donald Corbet	Jour.	Spec.	Columbia.	Boone.
Armstrong, Roswell Gregg	Jour.	2nd Yr.	Des Moines, Ia.	
Armstrong, Sam Brown	Arts.	Soph.	Harrisonville.	Cass.
Armstrong, William Hatler	Arts.	Soph.	St. Louis.	
Arn, Alden Thomas	Arts.	Soph.	Kansas City	Jackson.
Arnaud, Henry Victor	Agr.	S. C.	Monett.	Barry.
Arnaudet, Martin L.	Arts.	Soph.	Jennings, La.	
Arnett, John Harris	Arts.	Soph.	Williamstown, Kan.	
Arney, Florence Linthacum	Educ.	2nd Yr.	Ava.	Douglas.
Arney, Gilbert Karl, B. S. in Agr.	Agr.	Spec.	Ava.	Douglas.
Arnold, J. V.	Law	3rd Yr.	Braymer.	Caldwell.
Arnold, Lawrence Duncan	Law	1st Yr.	Braymer.	Caldwell.
Arterburn, Howard Glenn	Agr.	Jr.	Carrollton.	Carroll.
Arthur, Ralph Clifford	Agr.	N. C.	St. Louis.	
Artlip, Fern	Eng.	Fr.	Harris.	Sullivan.
Arvin, Garland Clyde	Arts.	Jr.	Blythedale.	Harrison.
Artz, Franz J.	Arts.	Jr.	St. Louis.	
Asbury, Alma De, B. S. in Ed.	Arts.	Sr.	Columbia.	Boone.
Asbury, Clyde Eugene	Agr.	Soph.	Kansas City	Jackson.
Asbury, Jennette	Arts.	Soph.	Higginsville.	Lafayette.
Asbury, Winnie Fay	Arts.	Fr.	Centerview.	Johnson.
Asendorf, Fielding A.	Eng.	Sr.	Carthage.	Jasper.
Ash, Lee Davis, B. S. in Ed.	(Educ.) (Grad.)		Paris.	Monroe.
Ashburn, Rebecca D.	Educ.	Spec.	Farmington.	St. Francois.
Ashworth, Lillian Lucile	Arts.	Soph.	Neosho.	Newton.
Aston, Helen Mardele	Arts.	Fr.	Jonesburg.	Montgomery.
Atcheson, Bellfield	Arts.	Soph.	Appleton City.	St. Clair.
Athanasia, Sister Mary	Arts.	Spec.	Kansas City	Jackson.
Anderson, Frank Oscar	Med.	2nd Yr.	Springfield.	Greene.
Anderson, Harold Hubert	Eng.	Fr.	Windsor.	Henry.
Anderson, Henry B.	Eng.	Jr.	Lone Jack.	Jackson.
Anderson, Jessie May, A. B. (Univ. of Colorado)	Grad.		Columbia.	Boone.
Anderson, Keith Earl	Arts.	Fr.	Kansas City	Jackson.
Anderson, Kenneth Charles	Agr.	S. C.	Gideon.	New Madrid.
Anderson, Newton Holliday	Eng.	Soph.	Ferguson.	St. Louis.
Anderson, Nola Lee	Educ.	1st Yr.	St. Catharine.	Linn.
Anderson, T. Aubrey	Agr.	Jr.	Belton.	Cass.
Anderson, Thomas Joel, Jr.	(Jour.) (B. & P. A.)	1st Yr. 2nd Yr.	Lone Jack.	Jackson.
Anderwert, Eugene A.	Agr.	Fr.	St. Louis.	
Andres, Gregorio M.	Arts.	Fr.	Lavag, P. I.	
Andrews, Fred	Agr.	S. C.	Tarkio.	Atchison.
Andrews, Stanley	Jour.	2nd Yr.	Barnett.	Morgan.
Angle, Mary Louise	Arts.	Fr.	Clinton.	Henry.
Angle, William Tucker, B. S. in Agr.	Educ.	1st Yr.	Clinton.	Henry.

Name	Division	Class	Postoffice	County
Angus, J. T., B. S. (N. E. State Teachers College)...	{Educ.... Grad....	2nd Yr.	Rutledge.....	Scotland.
Anheuser, Fred S. ....	Arts....	Fr....	St. Louis.....	
Anthony, John Robert....	Arts....	Spec.	Brown Station....	Boone.
Antle, Jewel Eileen.....	Arts....	Soph.	St. Louis.....	
Appleby, Velma.....	Arts....	Jr....	Maryville.....	Nodaway.
Arcularius, Edith.....	Arts....	Soph.	Washington.....	Franklin.
Arellano, Juan P.....	Arts....	Spec.	Oruro, Bolivia....	
Arlington, Ida Elizabeth....	Arts....	1st Yr.	Keytesville.....	Chariton.
Armentrout, P. C.....	Eng....	Fr....	Salisbury.....	Chariton.
Armstrong, Dorothy G.....	Jour....	1st Yr.	Butler.....	Bates.
Armstrong, Frank T.....	Law....	2nd Yr.	Sedalia.....	Pettis.
Armstrong, Lindsey Otis....	Agr....	Spec.	Columbia, N. C....	
Atherton, Leman Elmore, A. B.....	Law....	3rd Yr.	Columbia.....	Boone.
Atkeson, Ralph Wendell....	Jour....	2nd Yr.	Butler.....	Bates.
Atkin, John Hayden.....	Eng....	Fr....	Olean.....	Miller.
Atkins, Herman Watson....	Law....	3rd Yr.	Browning.....	Sullivan.
Atkins, Izetta.....	Arts....	Fr....	Madison.....	Monroe.
Atkinson, Earnest D.....	Agr....	N. C.	East Prairie.....	Mississippi
Atkinson, Marion Owen....	Jour....	2nd Yr.	St. Louis.....	
Atteberry, Albert Clem....	Eng....	Fr....	Atlanta.....	Macon.
Atteberry, Z. Ellis.....	{Arts.... Jour....	Jr.... 1st Yr.	Kansas City.....	Jackson.
Atterbury, Noble.....	Arts....	Fr....	Atlanta.....	Macon.
Atwell, Robert.....	Agr....	N. C.	Buckhorn.....	Madison.
Audsley, Raymond H.....	Arts....	Fr....	Columbia.....	Boone.
August, Constantine M.....	Eng....	Spec.	Chicago, Ill.....	
Auld, John James.....	Eng....	Fr....	St. Louis.....	
Aulepp, William Walter....	Eng....	Sr....	Webster Groves....	St. Louis.
Aull, Genevieve.....	Arts....	Fr....	Lamar.....	Barton
Aus, Nelson Hurst.....	Law....	Spec.	Ft. Scott, Kan....	
Austene, Jennie Jewell....	Arts....	Fr....	Hallsville.....	Boone.
Austin, Albert Preston, B. S. in Agr.....	Grad....		Columbia.....	Boone.
Austry, Marjorie.....	Arts....	Sr....	St. Joseph.....	Buchanan.
Austry, William Hobart....	Eng....	Sr....	St. Joseph.....	Buchanan.
Averitt, Helen.....	Jour....	Spec.	Columbia.....	Boone.
Avery, Frank Mastin.....	Arts....	Soph.	Kansas City.....	Jackson.
Avery, Omer Henry, Jr.....	{Arts.... Law....	Sr.... 1st Yr.		
Aydelotte, John, A. B. (Central Wesleyan).....	Grad....		Troy.....	Lincoln.
Baack, Elly.....	Arts....	Fr....	Warrenton.....	Warren.
Babb, Jamie Marion, A. B....	Jour....	2nd Yr.	St. Louis.....	
Babb, Lawrence.....	{Arts.... Jour....	Sr.... 1st Yr.	Columbia.....	Boone.
Babcock, Edgar Glenn.....	Arts....	Jr....	Columbia.....	Boone.
Babcock, Nina E.....	Jour....	Spec.	Sedalia.....	Pettis.
Backlar, Joseph.....	{Arts.... Med....	Sr.... 2nd Yr.	Sedalia.....	Pettis.
Baechle, Peter August.....	Agr....	Sr....	St. Louis.....	
Baermann, Arthur L.....	{Arts.... Jour....	Sr.... 2nd Yr.	Ste. Genevieve....	St. Genevieve.
Bagby, Julian.....	Arts....	Fr....	Columbia.....	Boone.
Bahm, Annie E.....	Arts....	Fr....	Vinita, Okla.....	
Bahr, Millard Castle.....	Arts....	Fr....	Columbia.....	Boone.
Bailey, Claud Clinton.....	Agr....	Sr....	Helena.....	Andrew.
Bailey, George P.....	Arts....	Fr....	Exeter.....	Barry.
	{Med.... Arts....	2nd Yr. Sr....		
Bailey, Lester, A. B., A. M....	Grad....		Browning.....	Lynn.
Bailey, Marcia.....	Arts....	Sr....	Oregon.....	Holt.
Bailey, Rex Raines.....	Arts....	Spec.	Columbia.....	Boone.
Bailey, Willard Francis....	Agr....	Sr....	Kansas City.....	Jackson.
Bain, Katherine, A. B.....	Eng....	Fr....	Columbia.....	Boone.
Bain, Patterson, Jr., B. S. in C. E.....	Med....	1st Yr.	Columbia.....	Boone.
Baird, Wilson Davis.....	Agr....	S. C....	Columbia.....	Boone.
Baker, Archie Christopher....	Arts....	Soph.	Stroud, Okla.....	
Baker, Blanche Elizabeth....	Jour....	2nd Yr.	Hale.....	Carroll.
Baker, Chester William....	Arts....	Fr....	Trenton.....	Grundy.
Baker, Glenwood Spencer....	Eng....	Fr....	Okmulgee, Okla....	
Baker, John Siess.....	Arts....	Fr....	Farmington.....	St. Francois.
Baker, Mrs. John Siess.....	Agr....	Sr....	Polo.....	Caldwell.
Baker, L. Pauline.....	Agr....	Soph.	Polo.....	Caldwell.
Baker, Lawrence Winn.....	Arts....	Soph.	Salisbury.....	Chariton.
Baker, Leander Carson.....	Agr....	Fr....	Platte City.....	Platte.
Baker, Lemuel Ila, Jr.....	Eng....	Sr....	Polo.....	Caldwell.
Baker, Lewis Emory.....	Eng....	Fr....	Poplar Bluff.....	Butler.
Baker, Margaret McLean....	Arts....	Soph.	Sikeston.....	Scott.
Baker, Maynard Stark.....	Arts....	Fr....	Kansas City.....	Jackson.
Baker, Newman Freeze, A. B. (Southwestern College), A. M.....	Arts....	Jr....	St. Joseph.....	Buchanan.
	Law....	2nd Yr.	Billings, Okla.....	

Name	Division	Class	Postoffice	County
Baker, Robert Clelland.....	Agr.....	Spec...	Ridgeway.....	Harrison.
Baker, Rose Altha, A. B.....	Grad.....	.....	Columbia.....	Boone.
Baker, Von Leo.....	Law.....	3rd Yr..	LaBelle.....	Lewis.
Baker, W. H.....	Agr.....	Spec...	Anderson.....	McDonald.
Baker, Mrs. W. H.....	Educ.....	Spec...	Anderson.....	McDonald.
Baldry, Robert A.....	Arts.....	Soph...	Kansas City.....	Jackson.
Baldus, Frank.....	Arts.....	Soph...	Independence.....	Jackson.
Baldwin, Alfred R., Jr.....	Arts.....	Fr.....	Springfield.....	Greene.
Baldwin, Bertha Beatrice.....	Arts.....	Fr.....	Columbia.....	Boone.
Baldwin, Ethelyn Nadine.....	Arts.....	Fr.....	Columbia.....	Boone.
Baldwin, John M.....	Agr.....	Sr.....	Lamonte.....	Pettis.
Ballard, James H., Jr.....	B. & P. A.	2nd Yr..	Maplewood.....	St. Louis.
Balmat, Joe L., Jr.....	Arts.....	Soph...	St. Joseph.....	Buchanan.
Bamber, Laurene.....	Arts.....	Fr.....	Maplewood.....	St. Louis.
Bandy, Mabel Ruth.....	Arts.....	Soph...	Columbia.....	Boone.
Bankhead, Cleo.....	Arts.....	Jr.....	Bowling Green.....	Pike.
Banks, Garrard C.....	Arts.....	Fr.....	St. Louis.....	.....
Banks, Louis H.....	Arts.....	Jr.....	Hannibal.....	Marion.
Banks, Mary Allison.....	Arts.....	Soph...	Columbia.....	Boone.
Banks, Mildred.....	Arts.....	Soph...	St. Louis.....	.....
Banks, Sallie Love.....	Arts.....	Jr.....	Raines, Tenn.....	.....
Banner, Franklin Coleman, B. J.....	{Arts..... {Grad.....	Sr.....	.....	.....
Bannon, Earl J.....	Arts.....	Fr.....	Mt. Vernon.....	Lawrence.
Barbee, Fred Scott.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Barber, Paul B.....	Agr.....	N. C.....	Joplin.....	Jasper.
Bard, Maurine.....	Arts.....	Fr.....	Cherryvale, Kan.....	.....
Bardwell, William Joseph.....	B. & P. A.	1st Yr..	Kansas City.....	Jackson.
Bareuther, David George.....	Jour.....	Spec...	Sedalia.....	Pettis.
Barken, Herman.....	Law.....	3rd Yr..	Winona, Minn.....	.....
Barker, Frank Neale.....	Eng.....	Jr.....	St. Louis.....	.....
Barker, Helen Mildred.....	Arts.....	{Fr..... {Nurse.....	Greenfield.....	Dade.
Barker, Stephen Alfred.....	Jour.....	2nd Yr..	Odessa.....	Lafayette.
Barkovitz, Annabell.....	Arts.....	Jr.....	Odessa.....	Lafayette.
Barkovitz, Robert.....	Arts.....	Soph...	Portageville.....	New Madrid.
Barks, Joseph Milster.....	Educ.....	1st Yr..	Portageville.....	New Madrid.
Barkshire, Mrs. Chas. Edwin.....	Arts.....	Spec...	Sweet Springs.....	Saline.
Barlow, Harry Newburn, B. S. in Agr.....	Grad.....	.....	Columbia.....	Boone.
Barlow, Orpheus William, A. B.....	{Med..... {Grad.....	2nd Yr..	Milan.....	Sullivan.
Barnes, Arthur F.....	Eng.....	Sr.....	Webb City.....	Jasper.
Barnes, Bertha.....	Arts.....	Fr.....	Jameson.....	Daviess.
Barnes, Chas. Merlin, Jr.....	B. & P. A.	1st Yr..	Memphis.....	Scotland.
Barnes, Helen L.....	Arts.....	Fr.....	Cape Girardeau.....	C. Girardeau.
Barnes, Henry Earl.....	Agr.....	Spec...	Wellston.....	St. Louis.
Barnes, Margaret Monroe.....	Arts.....	Fr.....	Columbia.....	Boone.
Barnes, Velma Vertile.....	Educ.....	2nd Yr..	St. Louis.....	.....
Barnett, Alice.....	Arts.....	Fr.....	Paris.....	Monroe.
Barnett, Carrie, B. S. in Ed., A. B.....	Grad.....	.....	St. Louis.....	.....
Barnett, Irwin Spicer.....	Arts.....	Fr.....	Enid, Okla.....	.....
Barnett, Josiah Stephen.....	Arts.....	Fr.....	Brookfield.....	Linn.
Barnett, Louis Phillip.....	Arts.....	Soph...	Kansas City.....	Jackson.
Barnett, Marguerite.....	{Arts..... {Jour.....	Sr.....	Columbia.....	Boone.
Barnett, Roberta Louise.....	Educ.....	2nd Yr..	Gallatin.....	Daviess.
Barnhart, Floyd.....	Agr.....	Sr.....	Carthage.....	Jasper.
Barnhart, Garrett M.....	Agr.....	Sr.....	Carthage.....	Jasper.
Barnum, Susan Bertha, A. B.....	Grad.....	.....	Tulsa, Okla.....	.....
Barr, Constance Eleanor.....	Arts.....	Soph...	Nevada.....	Vernon.
Barr, Harold Thomas.....	Eng.....	Jr.....	Palmyra.....	Marion.
Barr, Neil King.....	Eng.....	Soph...	Graham.....	Andrew.
Barrett, Jasper Hubert.....	Agr.....	N. C.....	Buckhorn.....	Madison.
Barrett, Jesse Marshall, Jr.....	Agr.....	Sr.....	Napton.....	Saline.
Barrett, Rex P.....	Arts.....	Fr.....	Peirce City.....	Lawrence.
Barrett, Weldon Lafayette, B. S. in Agr.....	Agr.....	Spec...	Boonville.....	Cooper.
Barron, Russell Leander.....	Eng.....	Fr.....	Nettleton.....	Caldwell.
Barry, George Newton.....	B. & P. A.	1st Yr..	Cartersville.....	Jasper.
Barter, Louis S.....	Arts.....	Jr.....	Mt. Vernon, Ind.....	.....
Barton, Ralph F.....	Agr.....	Fr.....	Carthage.....	Jasper.
Basinger, Benjamin B.....	Educ.....	Spec...	Martinsburg.....	Audrain.
Basinger, Mrs. Jessie L.....	Educ.....	2nd Yr..	Martinsburg.....	Audrain.
Baskett, Edna Lee.....	Jour.....	2nd Yr..	Columbia.....	Boone.
Baskett, Hazel Brown.....	Arts.....	Soph...	Columbia.....	Boone.
Bass, D. Clarence, Jr.....	Arts.....	Fr.....	Enid, Okla.....	.....
Bast, Mary Jane.....	Educ.....	2nd Yr..	Sedalia.....	Pettis.
Bast, Samuel Crawford.....	Eng.....	Jr.....	Sedalia.....	Pettis.
Bayse, Paul Edmond.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Bates, George Eugene.....	{Arts..... {B. & P. A.	Jr..... 1st Yr..	.....	.....
			Kansas City.....	Jackson.



Name	Division	Class	Postoffice	County
Batswell, Walter Russell	Arts	Soph	Paris	Monroe.
Batterton, Mildred E.	Educ	2nd Yr.	Columbia	Boone.
Bauer, Harry	Eng	Fr	St. Louis	
Bauer, Mrs. Helen C.	Educ	Spec	St. Louis	
Bauer, Louis	Eng	Fr	St. Louis	
Bauer, Louise	Educ	1st Yr.	St. Louis	
Bauer, Major W. H.	Agr	Soph	St. Louis	
Bauer, Royal D. M.	B. & P. A.	Spec	St. Louis	
Bauer, Thorpe	Eng	Soph	Columbia	Boone.
Baum, Ernest	Arts	Fr	Kansas City	Jackson.
Baumgarten, Carl Ercell, B. S. in Eng.	Eng	5th Yr.	Sedalia	Pettis.
Bawbell, Edith	Agr	Soph	Golden City	Barton.
Bawbell, Robert H.	Agr	Sr.	Golden City	Barton.
Baxter, Fred K.	Agr	Sr.	Kansas City	Jackson.
Baxter, Margaret Miller	Arts	Sr.	Kirksville	Adair.
Baxter, Ralph Herman	Eng	Sr.	Dawn	Livingston.
Bayless, Pansy	Arts	(Soph Nurse)	Columbia	Boone.
Bayne, Frances D.	Educ	2nd Yr.	Canton	Lewis.
Bayinger, Helen James	(Educ. Arts)	1st Yr. Jr.		
Beachum, Jesse Otto	Agr	N. C.	Rolla	Phelps.
Beagles, Clyde Gerry	Agr	Spec	Dudley	Stoddard.
Beal, Eugene Clark	Agr	Fr	Columbia	Boone.
Beal, George Marion	Arts	Soph	Columbia	Boone.
Bean, Mary Virginia	Arts	Soph	Edina	Knox.
Bear, Elmer A.	Educ	Spec	Nevada	Vernon.
Beasley, Angeline Matilda	Arts	Fr	Baring	Knox.
Beasley, George Hamilton	Arts	Soph	St. Joseph	Buchanan.
Beasley, Willis Carter	Arts	Fr	Kansas City	Jackson.
Beatty, Emile Ellsworth	Arts	Sr.	Joplin	Jasper.
Beaty, Louis Holcomb	Agr	Soph	Columbia	Boone.
Beaumont, Amanda Lee, B. S. in Ed	Grad		Clinton	Henry.
Beaumont, Taney J., Jr.	Eng	Sr.	St. Joseph	Buchanan.
Beaven, Harriet Kathryn	Educ	1st Yr.	St. Joseph	Buchanan.
Beaven, James Holt	Eng	Sr.	Columbia	Boone.
Bebermeyer, Paul H.	Agr	Jr.	Columbia	Boone.
Bebout, Esther	Agr	Jr.	Emporia, Kan.	
Bebout, Harley	Agr	Fr	Hopkins	Nodaway.
Becerra, Ignacio	Eng	Fr	Hopkins	Nodaway.
Beck, Harold	Jour	1st Yr.	Buenos Aires, Argentina	
Becker, Carl F.	Agr	Soph	Moberly	Randolph.
Becker, Kenneth Montgomery	Eng	Fr	Columbia	Boone.
Becker, Richard Robert	Arts	Jr.	Kahoka	Clark.
Beckett, Leo F.	Eng	Jr.	Kansas City	Jackson.
Beckett, Theodore Cooper	(Arts Med)	Sr. 2nd Yr.	Salisbury	Chariton.
Beckham, George Samuel	Agr	N. C.	Salisbury	Chariton.
Beckmaun, Joseph Richard	Eng	Fr	Ponder	Ripley.
Beckner, Virgil D.	Agr	Soph	St. Louis	
Bedford, Catherine Elizabeth	Educ	2nd Yr.	Trenton	Grundy.
Bedford, Helen DeWilton	Arts	Fr	Columbia	Boone.
Bedsworth, Joseph Neal	Arts	Soph	Columbia	Boone.
Beechwood, Marie Irene	Arts	Soph	Jefferson City	Cole.
Beigley, Harold S.	Arts	Soph	Joplin	Jasper.
Belcher, James C.	Arts	Soph	Joplin	Jasper.
Belgen, Allen	Arts	Fr	Pleasant Hill	Cass.
Belden, Frank E., A. B.	Jour	2nd Yr.	Columbia	Boone.
Belford, George A.	Arts	Soph	Columbia	Boone.
Bell, Chas. Alford	Arts	Soph	Okmulgee, Okla.	
Bell, Forest Ferguson	B. & P. A.	2nd Yr.	Marshall	Saline.
Bell, Jack Lowell	Arts	Fr	Fayette	Howard.
Bell, John Paul	Jour	1st Yr.	Tulsa, Okla.	
Bell, Katharine	Arts	Soph	Wellsville	Montgomery.
Bell, Maggie Lee	Educ	2nd Yr.	Marshall	Saline.
Bell, Murline Elizabeth	Arts	Fr	Shreveport, La.	
Bell, Robert Malseed	Eng	Jr.	Stoutsville	Monroe.
Belwood, Geneva	Arts	Fr	St. Joseph	Buchanan.
Benage, Clarence H.	Arts	Soph	Marshall	Saline.
Benedict, Warwick, Jr.	Arts	Jr.	Lebanon	Laclede.
Benner, M. Donovan	Eng	Fr	Kansas City	Jackson.
Bennett, Chas. Roy	Agr	N. C.	Knox City	Knox.
Bennett, Chas. W.	Agr	N. C.	Carthage	Jasper.
Bennett, Luther Oren	Arts	Fr	Myrtle	Oregon.
Bennett, Paul	Arts	Soph	Seneca	Newton.
Benning, Frances	Educ	2nd Yr.	Nixa	Christian.
Benning, Olaus Davis	Arts	Soph	Fort Smith, Ark.	
Benning, Olive Lucille	Arts	Soph	Louisiana	Pike.
Bennington, Robert John	Eng	Jr.	Fort Smith, Ark.	
Benson, Edward William	Eng	Soph	Kansas City	Jackson.
Benson, Frederick Ashley, Jr.	Arts	Fr	Memphis	Scotland.
Benson, William Edward	Eng	Fr	Kansas City	Jackson.
			Memphis	Scotland.

Name	Division	Class	Postoffice	County
Bentley, Ivan M.	Arts	Fr.	Kansas City	Jackson.
Benton, Elmer R.	Agr.	N. C.	Renick	Randolph.
Benton, Henry Wesley, Jr.	Eng.	Soph.	West Plains	Howell.
Benus, Abraham	Arts	Soph.	New York City	
Benzen, George	Arts	Fr.	Sedalia	Pettis.
Beran, Rolla A.	Agr.	N. C.	St. Louis	
Berger, Adolphus Arthur	Arts	Jr.	St. Joseph	Buchanan.
Berger, Arthur Martin	Arts	Soph.	St. Louis	
Berger, Joe Rolande	Arts	Soph.	Denver, Colo.	
Berghorn, Henry Gerhart	Eng.	Fr.	Boles	Franklin.
Bergman, Albert J.	Arts	Fr.	Perryville	Perry.
Bergschneider, H. H.	Agr.	S. C.	Levasy	Jackson.
Berkeley, Lucille	Arts	Fr.	DeSoto	Jefferson.
Berlekamp, Urban F.	Agr.	Fr.	Napoleon	Lafayette.
Bermont, Roy Nelson	Agr.	Fr.	Easton	Buchanan.
Bernard, Dula Belle	Arts	Spec.	Bachelor	Callaway.
Bernard, Gillie Ann	Arts	Fr.	Bachelor	Callaway.
Bernard, Paul Mecker, B. S. in Agr.	Grad.		Columbia	Boone.
Bernard, Ruth	Arts	Fr.	Columbia	Boone.
Berry, George Beauregard	Arts	Jr.	Kansas City	Jackson.
Berry, Grace Matilda	Arts	Jr.	Louisiana	Pike.
Berry, Harold A.	Agr.	S. C.	Galt	Grundy.
Berry, Joe S.	Agr.	Jr.	Independence	Jackson.
Berry, Marion Francis	Arts	Fr.	Festus	Jefferson.
Berry, Paul Andra	Agr.	Fr.	Marble Hill	Bollinger.
Berry, Ralph S.	Agr.	S. C.	Lincoln	Benton.
Berry, Wiley W.	Agr.	S. C.	Tuscumbia	Miller.
Berryman, George	Eng.	Soph.	Poplar Bluff	Butler.
Bertram, Ola Farley	Arts	Sr.	California	Moniteau.
Bertrand, Ruth Richards	Arts	Fr.	St. Joseph	Buchanan.
Bettridge, Verne K.	Agr.	S. C.	Pilot Grove	Cooper.
Bewyer, Crystal Ferne	Educ.	1st Yr.	Kansas City	Jackson.
Bewyer, Irma Fay	Arts	Fr.	Kansas City	Jackson.
Beyert, Henry Lewis	Agr.	N. C.	Overland	St. Louis.
Bickel, Kathryn	Arts	Fr.	Troy	Lincoln.
Bickel, Vern Tillman	Eng.	Fr.	Eldon	Miller.
Bickett, Isabel	Arts	Fr.	St. Joseph	Buchanan.
Bickley, Edna, A. B.	Educ.	2nd Yr.	Mexico	Audrain.
Bicknell, Mrs. John S.	Educ.	Spec.	Columbia	Boone.
Biggs, Joe J.	Arts	Fr.	Laddonia	Audrain.
Bihr, Mildred Frances	Arts	Fr.	Columbia	Boone.
Biles, Ned D., Jr.	Eng.	Jr.	St. Joseph	Buchanan.
Bill, Mrs. Harry Satterlee	Arts	Spec.	Columbia	Boone.
Bills, C. Jarvis	Agr.	Fr.	Magnolia	Johnson.
Bills, Mabry Moore	B. & P. A.	2nd Yr.	Magnolia	Johnson.
Bills, Marvin L.	Arts	Sr.		
Bilsky, Nathan	Med.	2nd Yr.	Magnolia	Johnson.
	Arts	Sr.		
	Med.	2nd Yr.	St. Louis	
Bilzing, A. O. Walter	Agr.	Fr.	Chesterfield	St. Louis.
Binger, Roger Bronson	Eng.	Fr.	Lewistown	Lewis.
Bingham, Helen	Arts	Sr.	Kansas City	Jackson.
Bingham, Louis Eugene	Agr.	Fr.	Kansas City	Jackson.
Birch, C. C.	Agr.	Spec.	Hartville	Wright.
Bishop, David Robert	Eng.	Spec.	Eldon	Miller.
Bishop, Frieda Hermilia	Arts	Jr.	Savannah	Andrew.
Bishop, Henry Owen	Eng.	N. C.	Triplett	Chariton.
Bishop, William	Agr.	N. C.	California	Moniteau.
Bistline, B. Frank, Jr.	Arts	Jr.	Kansas City	Jackson.
Bitter, Milton E.	Arts	Sr.		
	Med.	1st Yr.	Columbia	Boone.
Bivens, Melvin P.	Agr.	S. C.	Amity	DeKalb.
Black, Elizabeth Trigg	Arts	Sr.	Richmond	Ray.
Black, Eugene Cone, A. B.	Grad.		Kansas City	Jackson.
Black, Henry Edmond	Agr.	Spec.	Columbia	Boone.
Black, Mervin H.	Arts	Sr.	Joplin	Jasper.
Black, William Bailey	Arts	Jr.	Fort Smith, Ark.	
Blackburn, Frank	Eng.	Fr.	Herington, Kan.	
Blackburn, Laura Almeda	Arts	Fr.	Shenandoah, Ia.	
Blackman, June	Agr.	S. C.	Elwood	Greene.
Blackman, Robert Lee	Agr.	S. C.	Elwood	Greene.
Blackmore, Thomas Ernest	Arts	Fr.	Windsor	Henry.
Blair, Chas. Lawrence	Arts	Fr.	Belton	Cass.
Blair, Forest A.	Eng.	Fr.	Gallatin	Daviess.
Blair, James Thomas	Arts	Fr.	Jefferson City	Cole.
Blakemore Cynthia	Educ.	Spec.	Sturgeon	Boone.
Blakey, Albert Gallatin	B. & P. A.	Spec.	Boonville	Cooper.
Blankenship, Forrest Ennis	Jour.	2nd Yr.	Cameron	Clinton.
Blanton, Harriet	Educ.	1st Yr.	Paris	Monroe.
Blass, Elwood L.	Eng.	Fr.	Webb City	Jasper.
Blattner, Lee Pemberton	Jour.	2nd Yr.	Mexico	Audrain.
Blayne, Wm. Earl	Agr.	S. C.	Creighton	Cass.
Blendon, Henry Abijah	Eng.	Sr.	Ohio	St. Clair.

Name	Division	Class	Postoffice	County
Blenden, Wilfred LeRoy.....	Eng.....	Sr.....	Ohio.....	St. Clair.
Blessing, Roger Francis.....	(Arts.....	Fr.....	.....	.....
	(Law.....	1st Yr..	St. Charles.....	St. Charles.
Blessing, Wendell.....	Agr.....	Fr.....	King City.....	Gentry.
Blickensderfer, Mary Ross...	Educ.....	1st Yr..	Houston.....	Texas.
Blickhahn, Harry M.....	Arts.....	Soph...	Walsenburg, Colo..	.....
Blinder, Maxwell.....	Arts.....	Fr.....	New York City....	.....
Blinder, Samuel.....	Arts.....	Fr.....	New York City....	.....
Bloch, Joe, B. S. (College of	Grad.....	.....	New York City....	.....
the City of N. Y.).....	B. & P. A.	2nd Yr.	Louisiana.....	Pike.
Block, Henry V. P.....	Arts.....	Sr.....	Farmington.....	St. Francois.
Bloomeyer, Verena Mena.....	Arts.....	Fr.....	Walnut Grove.....	Greene.
Bloomer, Marie.....	Educ.....	1st Yr..	Walnut Grove.....	Greene.
Bloomer, Ollie.....	.....	.....	.....	.....
Bloomer, Ward La Vern.....	Arts.....	Soph...	Columbia.....	Boone.
Blumer, Herbert George.....	Grad.....	.....	Webster Groves...	St. Louis.
Blyholder, Orlando.....	Eng.....	Jr.....	Raymore.....	Cass.
Blythe, Robert F.....	Arts.....	Fr.....	Council Bluffs, Ia.	.....
Boan, Fern N.....	Educ.....	2nd Yr.	Marvin.....	Morgan.
Boardman, Mrs. Jesse Davis..	Educ.....	Spec...	Arcadia.....	Iron.
Boatman, Richard Jesse.....	Arts.....	Soph...	Maryville.....	Nodaway.
Bobrecke, Gladys.....	Arts.....	Soph...	Kansas City.....	Jackson.
Bodenstein, Martin W.....	Agr.....	N. C....	Delta.....	C. Girardeau.
Boefer, Gustav Emil.....	Agr.....	Soph...	St. Louis.....	.....
Boffman, James E.....	Agr.....	N. C....	Trenton.....	Grundy.
Bogart, Margaret Catherine,	.....	.....	.....	.....
B. S. in Ed.....	Educ.....	Spec...	Hannibal.....	Marion.
Boggs, Margaret.....	Arts.....	Fr.....	Columbia.....	Boone.
Bohannon, Dewey Lee.....	Arts.....	Fr.....	Agnes.....	Laclede.
Bohman, Henryetta Christine.	Educ.....	2nd Yr.	St. Louis.....	.....
Bohn, Philip Frederick.....	Arts.....	Soph...	Columbia.....	Boone.
Boland, B. F., Jr.....	Agr.....	Fr.....	Carthage.....	Jasper.
Boland, Louis.....	Agr.....	S. C....	New Haven.....	Franklin.
Boles, Charles H.....	Educ.....	Spec...	Golden City.....	Barton.
Boles, Esther Lorenza.....	Educ.....	Spec...	Golden City.....	Barton.
Bolte, Carl E.....	Arts.....	Soph...	Slater.....	Saline.
Bond, Arthur Doerr.....	Arts.....	Fr.....	Perryville.....	Perry.
Bond, George A., Jr.....	Agr.....	Sr.....	Kansas City.....	Jackson.
Bond, Orlo William.....	Arts.....	Sr.....	Grant City.....	Worth.
Bondurant, C. P.....	Med.....	2nd Yr.	Keytesville.....	Chariton.
Bondurant Margaret.....	Educ.....	Spec...	Fayette.....	Howard.
Boney, William Campbell.....	Agr.....	Jr.....	Cairo.....	Randolph.
Bonham, Claude D.....	(Arts.....	Sr.....	.....	.....
	(Med.....	2nd Yr.	King City.....	Gentry.
Bonham, Harry Dwight.....	B. & P. A.	2nd Yr.	Helena.....	Andrew.
Bonham, Maurice John.....	Agr.....	Sr.....	Kansas City.....	Jackson.
Bono, Joseph Edward.....	Eng.....	N. C....	Monroe City.....	Monroe.
Booher, Claud Robert.....	Agr.....	N. C....	Ravenna, Texas...	.....
Boone, Nora Winneford.....	Educ.....	Spec...	Odessa.....	Lafayette.
Booth, Wm. Earl.....	Arts.....	Soph...	Cainesville.....	Harrison.
Boothe, Archie Earl.....	Agr.....	Soph...	Sturgeon.....	Boone.
Borders, Mary.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Boring, Fay.....	Agr.....	Fr.....	Elmer.....	Macon.
Bornstein, Ira Isadore.....	Eng.....	Sr.....	Kansas City.....	Jackson.
Borrello, Carl.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Bose, Joseph.....	Eng.....	N. O....	St. Louis.....	.....
Bosen, John J.....	Agr.....	N. O....	St. Louis.....	.....
Bosse, Mabel H.....	Arts.....	Fr.....	Jefferson City....	Cole.
Bostlan, Louise Frances.....	(Arts.....	Jr.....	.....	.....
	(Edu.....	1st Yr..	Independence.....	Jackson.
Bostlian, Margaret Mary, B.	.....	.....	.....	.....
S. in Ed., A. M.....	Grad.....	.....	Independence.....	Jackson.
Bostick, Ben Still.....	Arts.....	Fr.....	Van Buren, Ark...	.....
Boswell, Helen F.....	Educ.....	2nd Yr.	Columbia.....	Boone.
Boswell, Victor.....	Agr.....	Sr.....	Columbia.....	Boone.
Boswell, Virginia.....	Arts.....	Fr.....	Columbia.....	Boone.
Boterman, Arta.....	Arts.....	Soph...	Excelsior Springs..	Clay.
Bothe, Arthur Henry, A. B.,	.....	.....	.....	.....
(Central Wesleyan College).	Grad.....	.....	Warrenton.....	Warren.
Bottorff, Mrs Lillian.....	Arts.....	Spec...	New London.....	Ralls.
Bottorff, Walter Ormand.....	Agr.....	N. C....	King City.....	Gentry.
Botts, Elizabeth.....	Arts.....	Fr.....	Rush Hill.....	Audrain.
Botts, Francis.....	Arts.....	Fr.....	Rush Hill.....	Audrain.
Botts, Virginia Elnora.....	Educ.....	1st Yr..	Mexico.....	Audrain.
Boucher, Archie D.....	Arts.....	Fr.....	Cairo.....	Randolph.
Boucher, Andrew Sherman, A.	.....	.....	.....	.....
B. B. S. in Ed.....	Educ.....	Spec...	Jefferson City....	Cole.
Boucher, Elizabeth.....	Arts.....	Soph...	Mount Vernon....	Lawrence
Boucher, Mrs. Hazel Hart...	Agr.....	Fr.....	Cairo.....	Randolph.
Boucher, Mildred.....	Educ.....	1st Yr..	Joplin.....	Jasper.
Boucher, Wiley Reeves, B. S.	.....	.....	.....	.....
in Ed. (N. E. S. Teachers'	Grad.....	.....	Cairo.....	Randolph.
College).....	.....	.....	.....	.....



Name	Division	Class	Postoffice	County
Boulware, Thos. Mendenhall.	Arts.....	Soph...	Monroe City.....	Monroe.
Boutwell, Marvin Leslie.....	Agr.....	S. C....	Hamilton.....	Caldwell.
Bowen, Bada, A. B. (Hendrix College).....	Grad.....	.....	Danville, Ark.....	.....
Bowen, Mabel.....	Arts.....	Fr.....	Eldorado Springs..	Cedar.
Bowlin, Lou B.....	Arts.....	Spec.....	Garden City.....	Cass...
Bowlin, Mabel.....	Educ.....	Spec.....	Garden City.....	Cass.
Bowman, Eunice Helen.....	Arts.....	Soph.....	Oran.....	Scott.
Bowman, Lawrence P.....	Agr.....	S. C....	Greenfield.....	Greene.
Bowman, Leland Bauer.....	Agr.....	S. C....	Greenfield.....	Greene.
Boxley, Calvin P.....	Arts.....	Soph.....	Oklah'ma City,Okla	.....
Boyd, Alaga H.....	Eng.....	Sr.....	Perry.....	Ralls.
Boyd, Clyde R.....	Law.....	Spec.....	New Bloomfield...	Callaway.
Boyd, Greydon Gill.....	Arts.....	Jr.....	Perry.....	Ralls.
Boyd, Harold Tydings.....	Arts.....	Jr.....	Smithville.....	Clay.
Boyd, Jack Hamilton.....	Arts.....	Soph.....	Springfield.....	Greene.
Boyer, Edward Joseph.....	Agr.....	Sr.....	Leadwood.....	St. Francois.
Boyer, James.....	Agr.....	S. C....	Cantril, Ia.....	.....
Boyer, Madge Alene.....	Arts.....	Fr.....	Alba.....	Jasper.
Boyer, Mary.....	Educ.....	2nd Yr.	St. Joseph.....	Buchanan.
Boyle, Grace.....	Jour.....	2nd Yr.	St. Louis.....	.....
Boyle, James Ferguson.....	B. & P. A.	1st Yr.	St. Joseph.....	Buchanan.
Boyle, Ralph Beatty.....	Agr.....	Fr.....	Centralia.....	Boone.
Bozart, Clyde Leslie.....	Arts.....	Jr.....	Columbia.....	Boone.
Bozart, Madge May.....	Arts.....	Soph.....	Columbia.....	Boone.
Bozart, Minnie Pearl.....	Arts.....	Fr.....	Salisbury.....	Chariton.
Brackett, John Colt.....	B. & P. A.	1st Yr.	Kansas City.....	Jackson.
Braden, Ray S.....	Eng.....	N. C....	Columbia.....	Boone.
Braden, Samuel Ray, A. B. (College of Emporia).....	Grad.....	.....	Columbia.....	Boone.
Bradfield, Walter Everett.....	Jour.....	Spec.....	Columbia.....	Boone.
Bradford, Gillmore Garland.....	Arts.....	Jr.....	Belton.....	Cass.
Bradford, Helen.....	Arts.....	Sr.....	Fayette, Miss.....	.....
Bradford, Mrs. Pearl.....	Arts.....	Spec.....	Columbia.....	Boone.
Bradford, William Leslie, A. B.....	(Med.....	2nd Yr.	.....	.....
Bradley, Elsa.....	(Grad.....	.....	Sedalia.....	Pettis.
Bradshaw, Mary Lee.....	Arts.....	Sr.....	Parkville.....	Platte.
Brady, Mary Elizabeth.....	Arts.....	Spec.....	Columbia.....	Boone.
Brady, Thomas Allan.....	Arts.....	Fr.....	Columbia.....	Boone.
Braeckel, Albert B.....	Arts.....	Soph.....	Richmond.....	Ray.
Bragg, Paul Watson.....	Eng.....	Soph.....	Joplin.....	Jasper.
Braham, George Joseph.....	Arts.....	Soph.....	Oregon.....	Holt.
Brainard, Ada Elizabeth.....	B. & P. A.	1st Yr.	Nevada.....	Vernon.
Branam, Frances Mae.....	Med.....	2nd Yr.	Martin City.....	Jackson.
Branch, Willis Roscoe.....	Arts.....	(Soph.....	.....	.....
Brand, Joe William.....	(Nurse.....	.....	Higginsville.....	Lafayette.
Brandenburg, Louis August.....	Eng.....	Soph.....	Norborne.....	Carroll.
Bransford, Thomas Jelks.....	Agr.....	Sr.....	Greenfield.....	Dade.
Branstetter, Basil Baxter, B. S. in Agr.....	Arts.....	Soph.....	St. Louis.....	.....
Brasfield, Eugene Elwyn.....	Fr.....	.....	Lonoke, Ark.....	.....
Bratten, Della Mae.....	Grad.....	.....	Curryville.....	Pike.
Bray, Dwight H.....	Agr.....	Jr.....	Garden City.....	Cass.
Bray, Gladys.....	Arts.....	Jr.....	Peculiar.....	Cass.
Bray, Ralph Garrett.....	Eng.....	Jr.....	Springfield.....	Greene.
Breckenridge, Gerald Fred, B. S. in Eng.....	Arts.....	Soph.....	Maysville.....	DeKalb.
Breckenridge, James Brooks, Jr.....	Jour.....	Spec.....	Washington, D. C..	.....
Breckenridge, Mildred Lucile.....	Eng.....	Spec.....	Springfield.....	Greene.
Breckenridge, Mrs. Nellie T.....	Law.....	3rd Yr..	Columbia.....	Boone.
Brees, Arthur John.....	Agr.....	Fr.....	Columbia.....	Boone.
Breit, William James.....	Educ.....	Spec.....	Huntsville.....	Boone.
Brenizer, Jessie Rebecca.....	Agr.....	N. C....	Dixon.....	Randolph.
Brenner, Daniel L.....	Educ.....	2nd Yr.	St. Joseph.....	Pulaski.
Brenton, Thaddeus Reamy.....	Educ.....	1st Yr.	Independence.....	Buchanan.
Brewer, Clara Lela.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Brewster, Robert Raymond.....	Arts.....	Sr.....	Columbia.....	Jackson.
Briant, Louis Casper.....	Educ.....	2nd Yr.	Schell City.....	Boone.
Briddle, Virgil William.....	Law.....	3rd Yr.	Kansas City.....	Vernon.
Bridgeman, Richard B., Jr.....	Arts.....	Fr.....	Jameson.....	Jackson.
Bridgens, Elwyn Bernadine.....	Arts.....	Jr.....	Des Moines, Ia....	Davess.
Bridges, Frank Bryson.....	Arts.....	Jr.....	Columbia.....	Boone.
Bridgewater, Clarinda Mary.....	Eng.....	Jr.....	Kansas City.....	Jackson.
Briegleb, Kathryn Lillian.....	Arts.....	Soph.....	Kahoka.....	Clark.
Briggle, Edwin Sappington.....	Arts.....	Soph.....	Kingston.....	Caldwell.
Briggs, David Reuben, A. B. (Central College).....	Educ.....	2nd Yr.	St. Clair.....	Franklin.
Briggs, Eugene Stephens B. S. (Central College).....	Arts.....	Soph.....	Bower Mills.....	Jasper.
Briggs, Eugene Stephens B. S. (Central College).....	Grad.....	.....	Fayette.....	Howard.
Briggs, Eugene Stephens B. S. (Central College).....	Grad.....	.....	Fayette.....	Howard.

Name	Division	Class	Postoffice	County
Briggs, Mary Helen.....	Agr.....	Jr.....	New London.....	Ralls.
Briggs, M. X.....	Arts.....	Fr.....	Neosho.....	Newton.
Bright, Clara McRae.....	Jour.....	Spec.....	Alma, Ga.....	
Bright, Elizabeth.....	Jour.....	1st Yr.....	Columbia.....	Boone.
Brill, Glenn M.....	Arts.....	Fr.....	Sedalia.....	Pettis.
Brinkley, Harold A.....	Eng.....	Soph.....	Gloster, La.....	
Brinkley, Wilma.....	Arts.....	Fr.....	Linneus.....	Linn.
Brinkman, Jules J.....	Eng.....	Soph.....	St. Louis.....	
Briscoe, Alonzo O., B. S. in Ed.	Grad.....		Foster.....	Bates.
Briscoe, Mrs. Hattie Ritter...	Arts.....	Soph.....	Foster.....	Bates.
Bristow, Bessie Irene.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
Brittingham, Lewis W.....	Eng.....	Jr.....	Eldon.....	Miller.
Britton, Jack.....	Eng.....	Fr.....	Kansas City.....	Jackson.
Brizzi, Frank.....	Arts.....	Fr.....	St. Louis.....	
Broad, William Allen.....	Agr.....	Soph.....	Springfield.....	Greene.
Brock, Harvey Thomas.....	Law.....	3rd Yr.....	Bentonville, Ark.....	
Brock, Lera.....	Arts.....	Fr.....	Paris, Texas.....	
Brockman, Loren T.....	B. & P. A.	2nd Yr.....	Salisbury.....	Chariton.
Brockmeyer, Jeanette Yeater.	Arts.....	Soph.....	Eldon.....	Miller.
Brode, James Ira, B. S. (Col- lege of City of N. Y.).....	Grad.....		New York City.....	
Brodnax, Lewis Meriwether.....	Eng.....	Soph.....	Kansas City.....	Jackson.
Brooks, Everett Marshall.....	Agr.....	Spec.....	Columbia.....	Boone.
Brooks, Fern Isal.....	Educ.....	1st Yr.....	Columbia.....	Boone.
Brooks, Harold Jerome.....	Agr.....	Soph.....	Columbia.....	Boone.
Brooks, Mary Florence.....	Arts.....	Fr.....	New Franklin.....	Howard.
Brooks, Millard Francis.....	Arts.....	Fr.....	Brunot.....	Wayne.
Brooks, Paul K.....	Arts.....	Fr.....	Greeneville, Tenn.....	
Brooks, Wesley L.....	Arts.....	Jr.....	Independence.....	Jackson.
Brosing, Carl Henry.....	Agr.....	S. C.....	Sedalia.....	Pettis.
Brown, Albert A.....	Agr.....	N. C.....	Doniphan.....	Ripley.
Brown, Albert M.....	Arts.....	Fr.....	Denison, Texas.....	
Brown, Alpha Nelson.....	Law.....	3rd Yr.....	Kansas City.....	Jackson.
Brown, Alta L.....	Educ.....	Spec.....	Billings.....	Christian.
Brown, Arlene Jane.....	Educ.....	1st Yr.....	Abilene, Kan.....	
Brown, Aubrey Lee.....	Agr.....	Sr.....	Clifton Hill.....	Randolph.
Brown, Ben Henton.....	Arts.....	Sr.....	Waverly.....	Lafayette.
Brown, Carlton Birdsong.....	Arts.....	Fr.....	St. Louis.....	
Brown, Cecil Lnaagford, B. S. in Agr. (S. D. Agr. College).....	Grad.....		Brookings, S. D.....	
Brown, Chas. Emmett.....	Agr.....	Sr.....	Rush Hill.....	Audrain.
Brown, Chas. Eugene.....	Arts.....	Fr.....	Aurora.....	Lawrence.
Brown, Edith M.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Brown, George Plattenburg.....	Eng.....	Soph.....	Waverly.....	Lafayette.
Brown, Glenn L.....	Agr.....	N. C.....	St. Louis.....	
Brown, Harry Monroe.....	Agr.....	Spec.....	Deerfield.....	Vernon.
Brown, Harvey Lewis.....	Eng.....	Jr.....	Odessa.....	Lafayette.
Brown, Homer Everett.....	Eng.....	Jr.....	Blackwell.....	St. Francois.
Brown, Irl Web.....	Jour.....	Spec.....	Dallas, Texas.....	
Brown, Irma Webb.....	Arts.....	Soph.....	Dallas, Texas.....	
Brown, James Wright, Jr.....	Arts.....	Fr.....	Yonkers, N. Y.....	
Brown, Lourena M.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Brown, Lowell Webb.....	Jour.....	Spec.....	Dallas, Texas.....	
Brown, M. Helen.....	Educ.....	Spec.....	Fayette.....	Howard.
Brown, Marie C.....	Educ.....	2nd Yr.....	St. Louis.....	
Brown, Mona Bernice.....	Arts.....	Sr.....	Abilene, Kan.....	
Brown, Nellie Grace, B. S. in Ed.....	Arts.....	Sr.....	Triplett.....	Chariton.
Brown, Raymond P.....	Eng.....	Fr.....	Chillicothe.....	Livingston.
Brown, Raymond Wentworth.....	Arts.....	Fr.....	Kirkwood.....	St. Louis.
Brown, Roscoe.....	Agr.....	S. C.....	Sibley.....	Jackson.
Brown, Roy Thomas.....	Agr.....	Jr.....	Blackwell.....	St. Francois.
Brown, Ruth.....	Arts.....	Soph.....	Columbia.....	Boone.
Brown, Thomas B.....	Arts.....	Fr.....	Edina.....	Knox.
Brown, Wiley Ellzey.....	Arts.....	Fr.....	Okmulgee, Okla.....	
Brown, William Justin, B. S. in Agr.....	(Agr..... Educ.....)	Spec..... 1st Yr.....	Carthage.....	Jasper.
Brownfield, Hazel Beal.....	Arts.....	Soph.....	Lees Summit.....	Jackson.
Browning, Cecil E.....	Agr.....	Spec.....	Verona.....	Lawrence.
Browning, George Moore.....	Agr.....	Sr.....	Kansas City.....	Jackson.
Browning, James Arthur.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Brownlee, Rollins H.....	Arts.....	Soph.....	Brookfield.....	Linn.
Bruce, John McKamey.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Bruce, Josephine.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Brueggemann, Fred A.....	Arts.....	Fr.....	St. Louis.....	
Bruk, William G.....	Agr.....	N. C.....		
Brumbaugh, Guy R.....	Agr.....	N. C.....	Lewistown.....	Lewis.
Brumbaugh, Lucile Ella.....	Educ.....	1st Yr.....	Maitland.....	Holt.
Bruner, Claud R.....	Arts.....	Soph.....	Powersville.....	Mercer.
Bruner, Burleigh Cecil, B. S. in Agr.....	(Agr..... Eng.....)	Spec..... Soph.....	Cainesville.....	Harrison.
Bruner, Earle C.....	Eng.....	Soph.....	Bolivar.....	Polk.
Bruner, Edwin.....	Arts.....	Fr.....	St. Louis.....	
Bruner, Fred, A. B. (N. E. State Teachers' College).....	Grad.....		Columbia.....	Boone.

Name	Division	Class	Postoffice	County
Bruner, Garland Dean	Agr.	Fr.	Urbana	Dallas.
Bruner, J. M., Jr.	Agr.	S. C.	Williamstown	Lewis.
Brunk, Robert Arnold	Arts.	Fr.	Nowata, Okla.	
Bruns, Mary Cordelia	Arts.	Fr.	Kansas City	Jackson.
Bruto, Florence	Arts.	Soph.	Jefferson City	Cole.
Bryan, Charles Virgil	Agr.	Jr.	Sedalia	Pettis.
Bryan, Parke K.	Arts.	Sr.	Kansas City	Jackson.
Bryson, Floyd Anglin	Arts.	Fr.	Centralia	Boone.
Bryson, Walsa	Arts.	Fr.	Columbia	Boone.
Buchanan, John Anderson	Eng.	Fr.	St. Louis	
Buchman, Joe	Eng.	Fr.	Omaha, Neb.	
Buchmueller, Milton	Eng.	Soph.	St. Louis	
Buck, Anna	Arts.	Spec.	Columbia	Boone.
Buckingham, William	Arts.	Soph.	Kansas City	Jackson.
Buckles, P. G., B. S. (Central State Teachers College)	Grad.		Odessa	Lafayette.
Buckley, Mrs. Bertha Husted	Educ.	1st Yr.	Fredericktown	Madison.
Buckley, Jack Churchill	Arts.	Fr.	Kansas City	Jackson.
Buckley, Nat Terry	Educ.	2nd Yr.	Hayti	Pemiscot.
Buffum, Mary Evelyn	Arts.	Fr.	Columbia	Boone.
Buford, Anthony Abe.	Arts.	Soph.	Ellington	Reynolds.
Buhrmester, Catherine H.	{Arts. (Educ.	Jr. 1st Yr.	St. Louis	
Buis, Dorothy	Arts.	Fr.	Kansas City	Jackson.
Buis, Louise	Arts.	Soph.	Kansas City	Jackson.
Bulkley, Chas. Channing	Arts.	Jr.	Kansas City	Jackson.
Bull, Ben May, A. B.	Med.	2nd Yr.	St. Louis	
Bullock, Elzer Anderson	Grad.		Marionville	Lawrence.
Bundscho, Albert	Arts.	Jr.	Independence	Jackson.
Bunker, Edwin H.	Arts.	Fr.	Oregon	Holt.
Bunker, Herbert	Arts.	Jr.	Nevada	Vernon.
Bunnenburg, Harry Roy	Law	2nd Yr.	Wichita Falls, Tex.	
Bunting, John Blair	Eng.	Spec.	St. Louis	
Burch, Carl Park	B. & P. A.	2nd Yr.	Hamilton	Marion.
Burch, Helen	Arts.	Fr.	Brookfield	Linn.
Burch, Kathryn Stewart	Jour.	2nd Yr.	Brookfield	Linn.
Burdan, Blanche Rosemond	Arts.	{Fr. (Nurse	Fort Madison, Ia.	
Burford, Leola	Arts.	Fr.	Marshfield	Webster.
Burford, Wade	Agr.	Fr.	Marshfield	Webster.
Burgess, Blanche	Arts.	Spec.	Mt. Washington	Jackson.
Burgess, Ray Elmer	Eng.	Soph.	Joplin	Jasper.
Burgess, Ray Arthur	Eng.	Soph.	Joplin	Jasper.
Burgin, Paris S. W.	Agr.	N. C.	Albany	Gentry.
Burin, Frank C., Jr.	Agr.	S. C.	St. Louis	
Burke, Eugenia Gertrude	Arts.	Sr.	Carlinville, Ill.	
Burke, William Jerry	Arts.	Soph.	Richmond	Ray.
Burkhardt, Bernice Viola	Arts.	Jr.	Kansas City	Jackson.
Burks, Eugenia Irene	Arts.	Jr.	Maplewood	St. Louis.
Burley, Maurice M.	Eng.	Fr.	Lebanon	Laclede.
Burnett, Tom Dudley	Eng.	Fr.	Braymer	Caldwell.
Burney, Robert Allen	Eng.	Fr.	Peculiar	Cass.
Burnham, Ruth Ann	Arts.	Jr.	Auxvasse	Callaway.
Burns, Orva	Arts.	Fr.	Joplin	Jasper.
Burre, Esther C.	Educ.	1st Yr.	St. Louis	
Burrier, Arnold Stewart	Agr.	Soph.	Kahoka	Clark.
Burrill, Forrest C.	Agr.	Fr.	Trenton	Grundy.
Burruss, James Henry	Agr.	Fr.	Miami Station	Carroll.
Burton, Alice	Arts.	Fr.	St. James	Phelps.
Burton, George Forrest	Arts.	Jr.	Fayette	Howard.
Burton, Hallie	Educ.	Spec.	Gallatin	Daviess.
Burton, Mrs. Mary Arel	Educ.	Spec.	Huntsville	Randolph.
Busby, William Gilbert, Jr.	Law	3rd Yr.	Kansas City	Jackson
Bush, Catherine	Educ.	2nd Yr.	Ironton	Iron.
Bush, Edwin Lindsey	Agr.	Jr.	Kansas City	Jackson.
Bush, Harry	Agr.	N. C.	Cassville	Barry.
Bust, Robert A.	Arts.	Fr.	Potosi	Washington.
Butcher, Wilma	Arts.	Fr.	Mill Grove	Mercer.
Butler, Iva Zenella	Educ.	2nd Yr.	Macon	Macon.
Butler, Jerome	Arts.	Spec.	Belleville, Ill.	
Butts, George Colby	{Arts. (Jour.	Sr. 1st Yr.	Chillicothe	Livingston.
Buxton, Junius Moffett	Eng.	Fr.	Browning	Linn.
Buxton, Mary Lavina	Arts.	Jr.	Columbia	Boone.
Byars, Loren Thomas	Eng.	Fr.	Shelbina	Shelby.
Bybee, John Thomas	Arts.	Fr.	Mexico	Audrain.
Byers, Gladdin Gorin, Jr.	Arts.	Soph.	Independence	Jackson.
Byram, Frances Kathrine	Arts.	Fr.	Holden	Johnson
Byrnes, A. E. Francis	B. & P. A.	Spec.	St. Louis	
Cabell, Marjorie	Arts.	Fr.	Carrollton	Carroll.
Cady, Anson Wallace	Arts.	Soph.	Chillicothe	Livingston.
Cady, Elwyn Loomis	Agr.	Sr.	Chillicothe	Livingston.
Cairns, George S.	Eng.	Jr.	Huntsville	Randolph.



Name	Division	Class	Postoffice	County
Caldwell, John D. ....	Jour. ....	2nd Yr. ....	Oak Park, Ill. ....	Bollinger. Clark.
Caldwell, Joseph Conrad. ....	Agr. ....	Fr. ....	Marble Hill. ....	
Caldwell, Roy A. ....	Eng. ....	N. C. ....	Wyaconda. ....	Shelby. Clark. Barton.
Calhoun, Donald. ....	Jour. ....	Spec. ....	St. Louis. ....	
Callaway, Inez Early. ....	Jour. ....	Spec. ....	Caldwell, Idaho. ....	Pettis. Boone. Carroll. Boone. Boone.
Callendar, Winston. ....	Arts. ....	Soph. ....	Brookhaven, Miss. ....	
Callison, Charles Erwin. ....	Arts. ....	Fr. ....	Clarence. ....	Pettis. Boone. Carroll. Boone. Boone.
Callison, Eugene H. ....	Eng. ....	Soph. ....	Kahoka. ....	
Callison, S. Carl. ....	Eng. ....	Fr. ....	Lamar. ....	Pettis. Boone. Carroll. Boone. Boone.
Calloway, Parham Clinton. ....	Educ. ....	2nd Yr. ....	Muskogee, Okla. ....	
Calvert, Carl R. ....	Agr. ....	S. C. ....	Green Ridge. ....	Pettis. Boone. Carroll. Boone. Boone.
Calvert, Catherine Telfer. ....	Arts. ....	Soph. ....	Columbia. ....	
Calvert, Harold Newton. ....	Arts. ....	Fr. ....	Carrollton. ....	Pettis. Boone. Carroll. Boone. Boone.
Calvert, John Fyfer. ....	Eng. ....	Sr. ....	Columbia. ....	
Calvert, P. Burdette. ....	Agr. ....	S. C. ....	Ashland. ....	Pettis. Boone. Carroll. Boone. Boone.
Cambiaire, Pierre Celestine, A. B. (Univ of Lille), Ph. B. (University of Paris) ....	Grad. ....	1st Yr. ....	Rolla. ....	
Cameron, Amy. ....	Educ. ....	1st Yr. ....	Hannibal. ....	Pettis. Boone. Carroll. Boone. Boone.
Cameron, Anna Margaret. ....	Educ. ....	2nd Yr. ....	Hannibal. ....	
Cameron, Archie K. ....	Agr. ....	S. C. ....	Hannibal. ....	Pettis. Boone. Carroll. Boone. Boone.
Campbell, Cecil Wood. ....	Agr. ....	Jr. ....	Odessa. ....	
Campbell, Florence Betty. ....	Arts. ....	Soph. ....	Kansas City. ....	Pettis. Boone. Carroll. Boone. Boone.
Campbell, Hester Ann. ....	Arts. ....	Jr. ....	Vinita, Okla. ....	
Campbell, James E. Jr. ....	Arts. ....	Soph. ....	Kansas City. ....	Pettis. Boone. Carroll. Boone. Boone.
Campbell, Jesse Lee, B. S. in Agr. ....	Educ. ....	2nd Yr. ....	Odessa. ....	
Campbell, Kathryn. ....	Jour. ....	1st Yr. ....	Kansas City. ....	Pettis. Boone. Carroll. Boone. Boone.
Campbell, Myers Dallas, Jr. ....	Law. ....	2nd Yr. ....	Kirksville. ....	
Campbell, Roy Orla. ....	Eng. ....	Fr. ....	Joplin. ....	Pettis. Boone. Carroll. Boone. Boone.
Campbell, Ruth. ....	Arts. ....	Fr. ....	Kansas City. ....	
Campbell, Travis Dee. ....	Eng. ....	Fr. ....	Pattonsburg. ....	Pettis. Boone. Carroll. Boone. Boone.
Campbell, Wallace Ross. ....	Eng. ....	Soph. ....	Kansas City. ....	
Campbell, Wesley Dean. ....	Arts. ....	Fr. ....	Barnard. ....	Pettis. Boone. Carroll. Boone. Boone.
Canada, Ona Lee. ....	Agr. ....	N. C. ....	Columbia. ....	
Cann, Wilma. ....	Educ. ....	2nd Yr. ....	Blackow. ....	Pettis. Boone. Carroll. Boone. Boone.
Cannon, David Russell. ....	Eng. ....	Jr. ....	Elsberry. ....	
Cannon, Francis D. ....	Agr. ....	Fr. ....	Columbia. ....	Pettis. Boone. Carroll. Boone. Boone.
Cantor, William. ....	Med. ....	1st Yr. ....	Brooklyn, N. Y. ....	
Cantwill, Clifford E. ....	Agr. ....	Fr. ....	Fort Smith, Ark. ....	Pettis. Boone. Carroll. Boone. Boone.
Cara, Prudentio J. ....	Arts. ....	Soph. ....	Nueva Ecija, P. I. ....	
Cardwell, Franklin. ....	Eng. ....	Jr. ....	New Florence. ....	Pettis. Boone. Carroll. Boone. Boone.
Cardwell, Katherine. ....	Educ. ....	1st Yr. ....	New Florence. ....	
Cardwell, Margaret Lou. ....	Arts. ....	Soph. ....	New Florence. ....	Pettis. Boone. Carroll. Boone. Boone.
Cardwell, Ruth Evelyn. ....	Arts. ....	Soph. ....	Sedalia. ....	
Carey, Marjora B. ....	Arts. ....	Spec. ....	Nowata, Okla. ....	Pettis. Boone. Carroll. Boone. Boone.
Carl, Elmer. ....	Arts. ....	Soph. ....	Independence. ....	
Carlock, Justin. ....	Arts. ....	Soph. ....	Everton. ....	Pettis. Boone. Carroll. Boone. Boone.
Carlson, Charles W. ....	Agr. ....	S. C. ....	Tarkio. ....	
Carlson, John Peter. ....	Agr. ....	S. C. ....	Tarkio. ....	Pettis. Boone. Carroll. Boone. Boone.
Carlson, Martin E. ....	Agr. ....	Spec. ....	Austin, Texas. ....	
Carlstead, Oscar G. ....	Eng. ....	Soph. ....	Kansas City. ....	Pettis. Boone. Carroll. Boone. Boone.
Carman, Mildred Virginia. ....	Arts. ....	Fr. ....	Kansas City. ....	
Carmichael, Claude Ernest. ....	Arts. ....	Soph. ....	Mound City. ....	Pettis. Boone. Carroll. Boone. Boone.
Carmichael, John Barton. ....	Agr. ....	Soph. ....	Odessa. ....	
Carney, Ama Alberta, B. S. in Ed. ....	{Arts. .... {Grad. ....	Sr. ....	Columbia. ....	Pettis. Boone. Carroll. Boone. Boone.
Carpenter, Roy William, B. S. in Agr. ....	Agr. ....	Spec. ....	Maysville. ....	
Carr, Bertha Frances. ....	{Arts. .... {Educ. ....	Soph. .... 1st Yr. ....	Polo. ....	Pettis. Boone. Carroll. Boone. Boone.
Carr, Mrs. Franklin G. ....	Arts. ....	Fr. ....	Jamesport. ....	
Carr, James G., Jr. ....	Jour. ....	Spec. ....	E. St. Louis, Ill. ....	Pettis. Boone. Carroll. Boone. Boone.
Carr, Ralph Eddy. ....	B. & P. A. ....	Spec. ....	Kansas City. ....	
Carroll, Raymond H. ....	Jour. ....	1st Yr. ....	Kansas City. ....	Pettis. Boone. Carroll. Boone. Boone.
Carter, Bryan. ....	Agr. ....	Jr. ....	Piedmont. ....	
Carter, David Olin. ....	Agr. ....	Fr. ....	LaPlata. ....	Pettis. Boone. Carroll. Boone. Boone.
Carter, Harland A. ....	Law. ....	2nd Yr. ....	Skidmore. ....	
Carter, John Nicholas. ....	Arts. ....	Soph. ....	Skidmore. ....	Pettis. Boone. Carroll. Boone. Boone.
Carter, Leland Fields. ....	{Arts. .... {Med. ....	Sr. .... 2nd Yr. ....	Abbott, N. M. ....	
Carter, Rexford G. ....	Arts. ....	Fr. ....	Dexter. ....	Pettis. Boone. Carroll. Boone. Boone.
Carter, Roscoe Harold. ....	Eng. ....	Fr. ....	Reeds. ....	
Carter, Sarah Francis. ....	Arts. ....	Fr. ....	Columbia. ....	Pettis. Boone. Carroll. Boone. Boone.
Carter, Tommy S. ....	Agr. ....	Jr. ....	New Hampton. ....	
Carter, William Ray. ....	Arts. ....	Soph. ....	Madison. ....	Pettis. Boone. Carroll. Boone. Boone.
Cartnell, Nicholas T., Jr. ....	Agr. ....	N. C. ....	Stoutsville. ....	
Carver, Warren A. ....	Agr. ....	Sr. ....	Clarksville. ....	Pettis. Boone. Carroll. Boone. Boone.
Cary, Henry McKay. ....	Arts. ....	Fr. ....	Carrollton. ....	
Case, Aileen M. ....	Arts. ....	Fr. ....	Wright City. ....	Pettis. Boone. Carroll. Boone. Boone.
Case, James Wilbur. ....	Eng. ....	Jr. ....	Rea. ....	
Case, Leslie Cline. ....	Arts. ....	Fr. ....	Rea. ....	Pettis. Boone. Carroll. Boone. Boone.
Casebolt, Lillian. ....	Arts. ....	Soph. ....	Columbia. ....	

Name	Division	Class	Postoffice	County
Casebolt, Milton Buford, A. B. (Mo. Valley College)....	Med. ....	1st Yr. ....	Marshall.....	Saline.
Casebolt, Robert L. ....	Agr. ....	Jr. ....	Columbia.....	Boone.
Cash, Samuel Raymond. ....	Arts. ....	Fr. ....	Kennett.....	Dunklin.
Cash, T. C. ....	Arts. ....	Sr. ....	Bay City, Texas..	
Casky, John F., Jr. ....	{Arts. ....	Sr. ....		
	{Law. ....	2nd Yr. ....	St. Joseph.....	Buchanan.
Cassel, Margaret Z. ....	{Agr. ....	Sr. ....		
	{Grad. ....		Columbia.....	Boone.
Cassell, Samuel Ernest. ....	Eng. ....	Fr. ....	Pine Grove, Penn..	
Cassell, William Leonard. ....	Eng. ....	Sr. ....	Independence.....	Jackson.
Casselman, Lenore. ....	Arts. ....	Fr. ....	Columbia.....	Boone.
Casteel, Charles E. ....	Eng. ....	N. C. ....	Grantsville, Utah..	
Casteel, Russell Ronaine. ....	Arts. ....	Soph. ....	Camerton.....	Clinton.
Castleman, Mrs. Anna Boswell. ....	Arts. ....	Soph. ....	Columbia.....	Boone.
Castleman, Virginia McI. ....	Arts. ....	Jr. ....	Farmington.....	St. Francois.
Castlin, Edward Simmons. ....	Arts. ....	Soph. ....	St. Louis.....	
Castlio, Idus Mitchell. ....	Agr. ....	Jr. ....	Hamburg.....	St. Charles.
Cathcart, Robert Fulton, Jr. ....	Eng. ....	Jr. ....	Fort Worth, Tex..	
Catron, Jean. ....	Jour. ....	2nd Yr. ....	West Plains.....	Howell.
Caudle, Albert Lee. ....	Arts. ....	Fr. ....	Rockport.....	Atchison.
Cauthorn, Emma, A. B. ....	Grad. ....		Columbia.....	Boone.
Cauthorn, Ruth. ....	Arts. ....	Sr. ....	Mexico.....	Audrain.
Cave, Helen. ....	Arts. ....	Sr. ....	Mexico.....	Audrain.
Challis, Helen. ....	Arts. ....	Fr. ....	Columbia.....	Boone.
Chalmers, James Max. ....	Eng. ....	Fr. ....	Springfield.....	Greene.
Chamberlain, Louis Francis. ....	Jour. ....	1st Yr. ....	Fort Collins, Colo..	
Chamberlain, Robert. ....	Agr. ....	S. C. ....	Bunceton.....	Cooper.
Chamberlin, Lois Marion. ....	Agr. ....	Fr. ....	DeSoto.....	Jefferson.
Chambers, Benjamin Poe. ....	Eng. ....	Fr. ....	Coffey.....	Daviess.
Chambers, Joseph Hayden, B. S. in Agr. ....	Grad. ....		Boonville.....	Cooper.
Chambers, Mary Elizabeth. ....	Arts. ....	Sr. ....	Boonville.....	Cooper.
Chambers, Ruth Amanda. ....	Arts. ....	{Fr. ....		
		{Nurse. ....	Cainesville.....	Harrison.
Chamblin, Robert L., Jr. ....	Agr. ....	Spec. ....	Higginsville.....	Lafayette.
Chambliss, Hiram Darden. ....	Eng. ....	Jr. ....	Harrisburg.....	Boone.
Chambliss, William John, Jr. ....	Agr. ....	Fr. ....	Anderson.....	McDonald.
Chance, Albert Buford. ....	Arts. ....	Soph. ....	Centralia.....	Boone.
Chandler, Gilbert Cecil. ....	Agr. ....	Sr. ....	Albany.....	Gentry.
Chandler, Helen Haden. ....	Arts. ....	Fr. ....	Columbia.....	Boone.
Chandler, Julius. ....	Arts. ....	Spec. ....	Avondale.....	Clay.
Chandler, Myra. ....	Arts. ....	Soph. ....	Kansas City.....	Jackson.
Chandler, Simon B. ....	{Arts. ....	Sr. ....		
	{Med. ....	2nd Yr. ....	Lowmansville, Ky..	
Chaney, Frank Ward. ....	Eng. ....	Jr. ....	Breckenridge.....	Caldwell.
Chaney, John. ....	Eng. ....	N. C. ....	Parnell.....	Nodaway.
Chapin, Harry Lee. ....	Eng. ....	Soph. ....	St. Louis.....	
Chapin, Valda Catherine. ....	Arts. ....	Fr. ....	Kansas City.....	Jackson.
Chapman, Francis Ray, B. J. ....	Grad. ....		Louisiana.....	Pike.
Chappel, Paul J. ....	Eng. ....	Jr. ....	Abilene, Kan.....	
Charles, Hugh Allen. ....	Arts. ....	Fr. ....	Sheldon.....	Vernon.
Charles, Lillian. ....	Arts. ....	Sr. ....	Summersville, Tex.	
Chastain, Hartley Eugene. ....	Arts. ....	Fr. ....	Springfield.....	Greene.
Cheavens, Martha. ....	Jour. ....	2nd Yr. ....	El Paso, Tex.....	
Chevans, Sarah Elizabeth. ....	Educ. ....	2nd Yr. ....	Columbia.....	Boone.
Cheney, John Willoughby. ....	Agr. ....	Jr. ....	St. Louis.....	
Cherry, Anna. ....	Arts. ....	Fr. ....	Mount Vernon.....	Lawrence.
Cherry, Lucille. ....	Arts. ....	Jr. ....	Mount Vernon.....	Lawrence.
Cherry, Mary Boulware. ....	Jour. ....	2nd Yr. ....	Rock Hill, S. C....	
Chesney, Emily. ....	Arts. ....	Jr. ....	Kansas City.....	Jackson.
Chesvalier, Lucile, A. B. ....	Educ. ....	2nd Yr. ....	Columbia.....	Boone.
Child, L. T., Jr. ....	Arts. ....	Spec. ....	Richmond.....	Ray.
Childs, Marion Bernice. ....	Arts. ....	Jr. ....	Stanberry.....	Gentry.
Childs, Margaret Isabelle. ....	Educ. ....	1t Yr. ....	Buckner.....	Jackson.
Chiles, Ira N., A. B. (Central Wesleyan College)....	Grad. ....		Warrenton.....	Warren.
Chiles, Sara Hudspeth. ....	Educ. ....	1t Yr. ....	Buckner.....	Jackson.
Chilton, Joseph Emery. ....	{Arts. ....	Jr. ....		
	{Law. ....	1st Yr. ....	Bismarck.....	St. Francois.
Chittenden, Donald Walter, B. S. in Agr. ....	Grad. ....		Brookfield.....	Linn.
Chitwood, Elverene. ....	Educ. ....	1st Yr. ....	Blairstown.....	Henry.
Chorn, Mary Hasseltine. ....	Arts. ....	Sr. ....	Kansas City.....	Jackson.
Christian, Howard H. ....	Agr. ....	S. C. ....	California.....	Moniteau.
Christian, William Jennings. ....	Agr. ....	Spec. ....	Ellington.....	Reynolds.
Christman, Henry A. ....	Arts. ....	Spec. ....	St. Louis.....	
Christopher, Maxine Eleanor. ....	Arts. ....	Jr. ....	Kansas City.....	Jackson.
Chu, John Selip. ....	Eng. ....	Fr. ....	Shanghai, China..	
Cissel, Joseph Leo. ....	Eng. ....	Fr. ....	Perryville.....	Perry.
Clabaugh, Nancy Beatrice. ....	Agr. ....	Soph. ....	New Hampton.....	Harrison.
Clack, Anna L. ....	Educ. ....	1st Yr. ....	Nevada.....	Vernon.
Claiborne, Awilda. ....	Arts. ....	Soph. ....	Decaturville.....	Camden.
Clapp, Della Gray. ....	Arts. ....	Fr. ....	Moberly.....	Randolph.

Name	Division	Class	Postoffice	County
Clarahan, Helen Mae	Educ.	1st Yr.	Portageville	New Madrid.
Clark, Arthur B.	Arts.	Fr.	Palmyra	Marion.
Clark, Christine	Arts.	Soph.	Carrollton	Carroll.
Clark, Cummings Collins	Arts.	Spec.	St. Louis.	
Clark, Dorothy	Educ.	2nd Yr.	Columbia	Boone.
Clark, Emmet Lee	Agr.	Soph.	Philadelphia	Marion.
Clark, Ernest T., Jr.	Agr.	Fr.	Monroe City	Marion.
Clark, George Mathers	Arts.	Sr.	Columbia	Boone.
Clark, Harold Anson	Arts.	Soph.	Webb City	Jasper.
Clark, Henry Prior	Arts.	Sr.	Kansas City	Jackson.
Clark, Joseph Marsh	Eng.	Fr.	Salem	Dent.
Clark, Mildred	Arts.	Soph.	Lebanon	Laclede.
Clark, O. Dwight	{Arts.	Sr.		
	{Med.	2nd Yr.	Unionville	Putnam.
Clark, W. Bryan	Eng.	Jr.	Palmyra	Marion.
Clarke, Elizabeth	Arts.	Fr.	Kansas City	Jackson.
Clarke, Mabel	Jour.	2nd Yr.	Kansas City	Jackson.
Clarkson, George, Jr.	Arts.	Spec.	St. Louis.	
Clavell, Luis C.	Arts.	Jr.	St. Louis.	
Clay, Hamilton J.	Jour.	Spec.	Farmington, Minn.	
Clay, Hampson Strothers	Arts.	Fr.	Augusta	St. Charles.
Clay, Mildred Lee	Arts.	Soph.	Lupus	Moniteau
Clayton, Orville Byron	Arts.	Soph.	Bethany	Harrison.
Cleaver, Nancy Ruth	Educ.	1st Yr.	Perry	Ralls.
Clemens, Ira C.	Jour.	Spec.	Anada	Pike.
Clemens, Theodore Roosevelt	Arts.	Jr.	Norborne	Carroll.
Clements, Jo Beverly	Educ.	1st Yr.	LaPlata	Macon.
Clements, Russell Lucile	Educ.	1st Yr.	LaPlata	Macon.
Clevenger, Herschel Xenophen	Arts.	Soph.	Kansas City	Jackson.
Clifford, Arthur, Jr.	Arts.	Spec.	Kansas City	Jackson.
Clifford, Harry W.	Arts.	Spec.	Kansas City	Jackson.
Clift, Lucie	Arts.	Sr.	Plain View, Tex.	
Clinton, John Emory	Arts.	Soph.	Steelville	Crawford.
Clinton, Marion G.	Arts.	Fr.	St. Louis.	
Clinton, Riley Jenkins	Law	2nd Yr.	Steelville	Crawford.
Clinton, Mrs. Riley Jenkins	Educ.	1st Yr.	Steelville	Crawford.
Clobessy, Edmond M.	Arts.	Fr.	Okl. City, Okla.	
Close, Charles Edward	Arts.	Jr.	St. Louis	
Cloud, Tilghman R.	Arts.	Soph.	Pleasant Hill	Cass.
Clough, Lenorah June	Educ.	1st Yr.	Wyaconda	Clark.
Clough, Madalin Jennie	Educ.	Spec.	Wyaconda	Clark.
Clough, Raymond Walter	Agr.	Fr.	Wyaconda	Clark.
Cloughby, Hazel	Arts.	Fr.	Kansas City	Jackson.
Cloyd, Nina May	Educ.	2nd Yr.	Eolia	Pike.
Clutter, Doris Penelope	Educ.	2nd Yr.	Hopkins	Nodaway
Cobb, DeRay Fitzgerald, B. S. (Central College)	Grad.		Mexico	Audrain.
Coburn, Richmond Cash	Law	1st Yr.	Chillicothe	Livingston.
Cochran, Nelle	Arts.	Fr.	Kansas City	Jackson.
Codding, Edwin James	Eng.	Soph.	Ironton	Iron.
Coe, Fred Oscar, B. S. (Wesleyan College)	{Med.	2nd Yr.		
	{Grad.		Columbia	Boone.
Coffey, Jack C.	Arts.	Soph.	Columbia	Boone.
Coffey, Paul Logan	Arts.	Soph.	Queen City	Schulyer.
Coffey, Ralph Ringo, A. B.	Med.	1st Yr.	Kansas City	Jackson.
Coffman, Rlist H.	Arts.	Spec.	Hartford, Kan.	
Cogan, Julius	Arts.	Jr.	Brooklyn, N. Y.	
Cohen, Meyer	Arts.	Sr.	Detroit, Mich.	
Coil, Artemesia	Educ.	1st Yr.	Perry	Ralls.
Coburn, Robert Irwin	Jour.	Spec.	Paris	Monroe.
Cole, Ada May, B. S. in Ed.	Grad.		Dove	Laclede.
Cole, Edna	Arts.	Fr.	Spring Hill, Kan.	
Cole, Kathryn B.	Educ.	1st Yr.	California	Moniteau.
Cole, Lena Rachel, B. S. in Ed., A. M.	Grad.		Warrensburg	Johnson.
Cole, Oscar Verne	{Arts.	Sr.		
	{B. & P. A.	2nd Yr.	Columbia	Boone.
Cole, Virgil Bedford	Agr.	Sr.	Columbia	Boone.
Cole, Virginia Lee	Arts.	Fr.	Columbia	Boone.
Cole, Winnie M.	Arts.	Soph.	Columbia	Boone.
Coleman, Daniel Bernard	Arts.	Sr.	Poplar Bluff	Butler.
Coleman, Otis Turner, B. S. in Agr.	Agr.	Spec.	Palmyra	Marion.
Coleman, Thelma	Arts.	Jr.	Poplar Bluff	Butler.
Collier, Anga V. R.	Educ.	Spec.	Edgerton	Platte.
Collier, James Dan	Eng.	Fr.	Mountain Grove	Wright.
Collier, Mary Emily	Arts.	Fr.	Ash Grove	Greene.
Collier, Opal M.	Educ.	Spec.	Edgerton	Platte.
Collier, William Dean, A. B., A. M.	Grad.		Columbia	Boone.
Collings, Major Raymond	Arts.	Soph.	Princeton	Mercer.
Collins, Pryor Ellsworth, B. S. in Ed., A. M.	Grad.		Pineville	McDonald.



Name	Division	Class	Postoffice	County.
Collins, Axtell.....	Law.....	Spec.....	Low Wossie.....	Shannon.
Collins, Betty Marie.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Collins, Caroline.....	Arts.....	Soph.....	Lathrop.....	Clinton.
Collins, Edgar Wesley.....	Arts.....	Fr.....	Newtoon.....	Sullivan.
Collins, Hazel.....	(Arts.....	Sr.....		
	(Educ.....	2nd Yr.....	Triplett.....	Chariton.
Collins, Libbie Jennifred.....	Educ.....	2nd Yr.....	Louisiana.....	Pike.
Collins, Otis.....	Law.....	Spec.....	Low Wossie.....	Shannon.
Collins, Phillip.....	Arts.....	Fr.....	Low Wossie.....	Shannon.
Collins, Phillip Joseph.....	Agr.....	N. C.....	St. Louis.....	
Collinsworth, Carl D.....	Agr.....	N. C.....	Noel.....	McDonald.
Colman, William Henry.....	Agr.....	Sr.....	Independence.....	Jackson.
Colt, John Weidmeyer.....	Jour.....	1st Yr.....	Kansas City.....	Jackson.
Colvin, Russell Neel.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Comber, Mary Eleanor, A. B.....	Educ.....	1st Yr.....	St. Louis.....	
Comegys, Louise.....	Arts.....	Fr.....	Ash Grove.....	Greene.
Comfort, James Edwin.....	Agr.....	Fr.....	St. Louis.....	
Compton, Albert Richard Lee.....	Arts.....	Fr.....	Marionville.....	Lawrence
Compton, Cornelia Richard.....	Arts.....	Soph.....	Kirkwood.....	St. Louis.
Conklin, Richard Harry.....	Agr.....	Jr.....	Joplin.....	Jasper.
Conley, Clyde C.....	Agr.....	N. C.....	Columbia.....	Boone.
Conley, Garland Broadhead.....	Arts.....	Jr.....	Columbia.....	Boone.
Conley, Katherine Singleton.....	Arts.....	Jr.....	Columbia.....	Boone.
Connally, Maurice Hamden.....	Arts.....	Fr.....	New Haven.....	Franklin.
Connally, Monroe Thomas.....	Agr.....	Spec.....	New Haven.....	Franklin.
Connaway, Penelope.....	Arts.....	Spec.....	Columbia.....	Boone.
Conner, Fred Donald.....	Arts.....	Soph.....	Maitland.....	Holt.
Connett, Leonard.....	Eng.....	Soph.....	St. Joseph.....	Buchanan.
Conrad, Rudolph Rhadamanthus.....	Agr.....	Sr.....	Marble Hill.....	Bollinger.
Conrad, William Herndon.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Conway, Clarence Edwin.....	Eng.....	Soph.....	Liberty.....	Clay.
Cook, Aubrey B.....	Agr.....	Fr.....	Freeman.....	Cass.
Cook, Emma Louise.....	Agr.....	Fr.....	Pueblo, Colo.....	
Cook, Frances.....	Arts.....	Soph.....	Independence.....	Jackson.
Cook, Kenneth C.....	Eng.....	Jr.....	Trenton.....	Grundy.
Cook, Mabel Mary.....	Arts.....	Spec.....	Mexico.....	Audrain.
Cook, Monia Vina.....	(Arts.....	Sr.....		
	(Educ.....	2nd Yr.....	Golden City.....	Barton.
Cook, Ruth.....	Arts.....	Soph.....	Poplar Bluff.....	Butler.
Cooke, Sidney Merritt.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Cooksey, Hobart L.....	Eng.....	Fr.....	Sligo.....	Dent.
Cooley, Ennis Morrow.....	Agr.....	Sr.....	Jonesboro, Ark.....	
Cooley, Loren Russell.....	Law.....	3rd Yr.....	Lucerne.....	Putnam.
Coon, William Dewey.....	Eng.....	N. C.....	Chillicothe.....	Livingston.
Coons, Mary Isabel, A. B.....	Educ.....	2nd Yr.....	Fulton.....	Callaway.
Cooper, Cecil H.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Cooper, John.....	Arts.....	Soph.....	Enid, Okla.....	
Cooper, John H. G.....	B. & P. A.....	2nd Yr.....	Springfield.....	Greene.
Cooper, L. Marvin.....	Agr.....	S. C.....	Browning.....	Linn.
Cooper, Lawrence Loren.....	Eng.....	Fr.....	Sheldon.....	Vernon.
Cooper, Thomas Franklin.....	Med.....	2nd Yr.....	Windsor.....	Henry.
Coots, John W., Jr.....	Law.....	3rd Yr.....	Platte City.....	Platte.
Cope, Mrs. Ola Gertrude Minnick.....	Arts.....	Spec.....	Imogene, Iowa.....	
Coppedge, James B.....	Arts.....	Sr.....	Grove, Okla.....	
Corbin, Emily Katherine.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Corbin, Judson Stephen.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Cord, Mary Margaret.....	Arts.....	Soph.....	St. Louis.....	
Corder, Leon Wesley.....	Eng.....	Jr.....	Waverly.....	Lafayette.
Corlew, Mrs. Amanda L.....	Arts.....	Spec.....	Columbia.....	Boone.
Cornelius, S. L.....	Agr.....	S. C.....	Madison.....	Monroe.
Cornell, Elsie.....	Educ.....	2nd Yr.....	Kansas City.....	Jackson.
Cornish, Stephen, Ph. B., (Chicago University).....	Grad.....		Louisiana.....	Pike.
Cornwell, Helen Gertrude.....	Arts.....	Fr.....	Shreveport, La.....	
Corum, Clara Moss.....	Arts.....	Fr.....	Columbia.....	Boone.
Corwin, Willis Porter.....	Eng.....	Soph.....	Jefferson City.....	Cole.
Cosby, Harold J.....	Eng.....	Sr.....	Kansas City.....	Jackson.
Costa, Ciro D.....	Eng.....	Soph.....	San Nicolas, Arg.....	
Costolo, Clayton C.....	Arts.....	Fr.....	Poplar Bluff.....	Butler.
Cotton, Weldon Cooper.....	Arts.....	Soph.....	Columbia.....	Boone.
Cotton, William Philip.....	Jour.....	1st Yr.....	Columbia.....	Boone.
Coulson, Helen Jane.....	Agr.....	Fr.....	Columbia.....	Boone.
Coulter, William Terrell.....	(Eng.....	Jr.....		
	(Arts.....	Jr.....	Sweet Springs.....	Saline.
Coverley, Charles Omar.....	Eng.....	Fr.....	Kansas City.....	Jackson.
Cowan, Nelle B.....	Arts.....	Fr.....	McCredie.....	Callaway.
Cowan, Robert H.....	B. & P. A.....	Spec.....	Bethany.....	Harrison.
Cowherd, Alice Aimee.....	Educ.....	Spec.....	Mexico.....	Audrain.
Cox, Allen William.....	Arts.....	Soph.....	Nelson.....	Saline.
Cox, Gordon Caruth.....	Arts.....	Soph.....	Diehlstadt.....	Scott.
Cox, Laura M., B. S. in Ed.....	Educ.....	Spec.....	Columbia.....	Boone.
Cox, Roland P.....	Agr.....	Fr.....	Columbia.....	Boone.

Name	Division	Class	Postoffice	County
Cox, Theodore Sterns.....	Arts.....	Fr.....	Tulsa, Okla.....	
Coyle, Irvin F.....	Eng.....	Soph.....	Houston, Texas.....	
Craig, David M.....	Arts.....	Sr.....	Eldorado Springs.....	Cedar.
Craig, Dorothy Isabel.....	Arts.....	Soph.....	Galena.....	Stone.
Craig, Lee Austin.....	Eng.....	Sr.....	Raymore.....	Cass.
Craig, R. Lawrence.....	Arts.....	Fr.....	Huntsville.....	Randolph.
Craig, Raymond Price.....	Agr.....	Fr.....	Huntsville.....	Randolph.
Craig, William G.....	Eng.....	Jr.....	Raymore.....	Cass.
Crain, Leah Marie.....	Educ.....	1st Yr.....	Kansas City.....	Jackson.
Cramer, Roscoe V.....	Educ.....	Spec.....	Lebanon.....	Laclede.
Crandall, John Deman.....	Arts.....	Fr.....	St. Louis.....	
Crane, Mrs. Caroline Cunn- ingham.....	Arts.....	Soph.....	Columbia.....	Boone.
Crane, Joseph Gresham.....	Arts.....	Jr.....	Mineola, Texas.....	Montgomery.
Crane, Wallace.....	Eng.....	Jr.....	Columbia.....	Boone.
Crank, Elizabeth.....	Educ.....	1st Yr.....	Huntsville.....	Randolph.
Cranmer, Mabel.....	Arts.....	Soph.....	Chillicothe.....	Livingston.
Craven, Ruby R.....	(Arts..... Educ.....)	Sr..... 2nd Yr.....	Paris, Ark.....	
Cravens, Jennie Maurine.....	Arts.....	Soph.....	Columbia.....	Boone.
Cravens, Louis.....	Arts.....	Jr.....	Neosho.....	Newton.
Craver, Charles C., Jr.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Crawford, Herman, H.....	Agr.....	Fr.....	Atlanta.....	Macon.
Crawford, Herschel Goodling.....	Agr.....	Sr.....	Atlanta.....	Macon.
Crawford, John Grant.....	Arts.....	Sr.....	Sedalia.....	Pettis.
Crawford, Mildred Gordon.....	Arts.....	Sr.....	St. Joseph.....	Buchanan.
Crawford, Tom Robertson.....	Jour.....	Spec.....	Warrensburg.....	Johnson.
Crawford, Wrenn, Chilver.....	Arts.....	Fr.....	Warsaw.....	Benton.
Creamer, Frances Susan.....	Educ.....	2nd Yr.....	Stewartsville.....	Clinton.
Creelius, Lottie.....	Educ.....	2nd Yr.....	Kirksville.....	Adair.
Creed, Clark.....	Agr.....	N. C.....	Columbia.....	Boone.
Creekmore, Lloyd Benjamin.....	Agr.....	Soph.....	Pattonburg.....	Daviess.
Crews, Allie.....	Educ.....	Spec.....	Columbia.....	Boone.
Crews, Fredamae.....	Arts.....	Fr.....	Columbia.....	Boone.
Crews, Lucille.....	Arts.....	Spec.....	St. Louis.....	
Crews, Willie.....	Arts.....	Fr.....	Columbia.....	Boone.
Crider, Herbert Lasswell.....	Eng.....	Fr.....	Kennett.....	Dunklin.
Crider, Merrill Goodpasture.....	Agr.....	Sr.....	Maitland.....	Holt.
Crighton, John C.....	Agr.....	S. C.....	Springfield.....	Greene.
Crigler, Robert Merle.....	Arts.....	Fr.....	Mexico.....	Audrain.
Crocker, Carl L.....	Law.....	Spec.....	Morrisville.....	Polk.
Crockett, Stanley Bradford.....	Agr.....	Fr.....	Rea.....	Andrew.
Crockett, Susie Eileen.....	Educ.....	2nd Yr.....	Stanberry.....	Gentry.
Cromer, Lillian M.....	Educ.....	1st Yr.....	St. Louis.....	
Cromwell, Jack H.....	Eng.....	Soph.....	Rich Hill.....	Bates.
Crook, William Estes.....	Arts.....	Spec.....	Metz.....	Vernon.
Crooks, William Raymond.....	Eng.....	Spec.....	Leeton.....	Johnson.
Cropper, Audrey.....	Arts.....	Soph.....	Enid, Okla.....	
Cropper, Don Corry.....	Arts.....	Soph.....	Enid, Okla.....	
Crosby, James Edgar.....	Agr.....	Sr.....	Colony, Kan.....	
Crosswhite, Eddie Lee.....	Agr.....	Fr.....	Columbia.....	Boone.
Crotchett, Ann Krasner.....	Arts.....	Soph.....	Tulsa, Okla.....	
Crouch, Dessa Dell.....	Arts.....	Fr.....	Columbia.....	Boone.
Crouch, Helen Marie.....	Arts.....	Soph.....	Columbia.....	Boone.
Crouch, L. M., Jr.....	Law.....	1st Yr.....	Harrisonville.....	Cass.
Crouch, Richard L.....	Arts.....	Soph.....	Columbia.....	Boone.
Crouse, Joseph Martin.....	Agr.....	Spec.....	King City.....	Gentry.
Crowe, Alvah Glenn.....	Arts.....	Soph.....	Braymer.....	Caldwell.
Crowe, Ewart Atterbury.....	B. & P. A.....	2nd Yr.....	Sikeston.....	Scott.
Crowe, Hardin Moore.....	Arts.....	Fr.....	Dexter.....	Stoddard.
Crowe, Henry Dye, A. B.....	Grad.....		Dexter.....	Stoddard.
Crowe, Olive Lee.....	Educ.....	Spec.....	Braymer.....	Caldwell.
Crowe, Vincil Penny.....	Law.....	3rd Yr.....	Braymer.....	Caldwell.
Crowe, William Eugene.....	Law.....	3rd Yr.....	Braymer.....	Caldwell.
Crowell, Humphrey.....	Agr.....	N. C.....	Delta.....	C. Girardeau
Crowley, Samuel E. H.....	Agr.....	S. C.....	St. Joseph.....	Buchanan.
Crowson, Mary Katherine.....	Educ.....	Spec.....	Pickering.....	Nodaway.
Crum, Lulu Wanzel.....	Grad.....		Columbia.....	Boone.
Crum, Nelson.....	Agr.....	Fr.....	Humphrey, Ark.....	
Crumley, Claude Herod.....	Agr.....	N. C.....	Ava.....	Douglas.
Crumpacker, Robert Weather- ford.....	Agr.....	Fr.....	Unionville.....	Putnam.
Culling, John I.....	Agr.....	S. C.....	Utica.....	Livingston.
Culp, William Russell.....	Eng.....	Fr.....	Ridgeway.....	Harrison.
Cuneo, James A.....	Arts.....	Soph.....	Pergamino, Argen- tina.....	
Cunningham, Harold Esta- brook.....	Agr.....	Sr.....	Lutesville.....	Bollinger.
Cunningham, Lula Grace.....	Arts.....	Fr.....	Williamsburg.....	Callaway.
Cunningham, Thomas Daniel.....	Eng.....	Fr.....	Columbia.....	Boone.
Cunningham, Willard Dick- enson.....	Arts.....	Fr.....	Kirkwood.....	St. Louis.
Cunningham, William.....	Agr.....	S. C.....	Morrisville.....	Polk.
Cupp, Louis Shanks, Jr.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Curnutt, Roland T.....	Arts.....	Fr.....	Maryville.....	Nodaway.

Name	Division	Class	Postoffice	County
Currey, Hiram Meyrick, B. S. (Oregon Agr. College).....	{Med. .... {Grad. ....	2nd Yr.	Cleveland, O. ....	
Curry, Alva Rhoten B. S. in Ed. ....	Grad. ....		Kennett. ....	Dunklin.
Curry, Samuel Walter. ....	Agr. ....	N. O. ....	Campbell. ....	Dunklin.
Curtis, Claud Everett. ....	Law. ....	Spec. ....	Hartville. ....	Wright.
Curtis, John Harold, A. B., (Hamline U., Minn.) ....	Jour. ....	1st Yr. ....	St. James, Minn. ....	
Curtis, Edith L. ....	Arts. ....	Sr. ....	St. Joseph. ....	Buchanan.
Custis, Minnie Dell. ....	Educ. ....	Spec. ....	Carthage. ....	Jasper.
Cuthbertson Agnes Ellen. ....	Arts. ....	Jr. ....	Columbia. ....	Boone.
Cuthbertson, Duncan M. ....	Law. ....	3rd Yr. ....	Columbia. ....	Boone.
Cuthbertson, Essie Olebia. ....	Educ. ....	2nd Yr. ....	Liberty. ....	Clay.
Cutting, Tom Ayers. ....	Arts. ....	Soph. ....	Ft. Smith, Ark. ....	
Cytron, Stanley Lawrence. ....	Arts. ....	Soph. ....	St. Louis. ....	
Dail, Edward DeWitt. ....	Agr. ....	Fr. ....	Purdin. ....	Linn.
Daily, John William. ....	Jour. ....	Spec. ....	Springfield. ....	Greene.
Dale, Julia, A. B. (Transyl- vania College) ....	Grad. ....		Greensboro, Ala. ....	
Dale, Marie. ....	Arts. ....	Fr. ....	Huntsville. ....	Randolph.
Dale, Otis. ....	Agr. ....	Spec. ....	Springfield. ....	Greene.
Dalton, John Montgomery. ....	Law. ....	3rd Yr. ....	Columbia. ....	Boone.
Dalton, Lenora Dee. ....	Educ. ....	2nd Yr. ....	Columbia. ....	Boone.
Dalton, Leonard Ancil, B. S. in Agr. ....	Grad. ....		Kirksville. ....	Adair.
Dalton, Mary Louise. ....	Educ. ....	2nd Yr. ....	Columbia. ....	Boone.
Dalton, Sam F. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Dalton, Thelma Pauline. ....	Arts. ....	Fr. ....	Tulsa, Okla. ....	
Daly Mrs. Minnie Blevins. ....	Educ. ....	1st Yr. ....	Bolivar. ....	Polk.
Dameron, Edwin Francis. ....	Eng. ....	Fr. ....	Moberly. ....	Randolph.
Dana, Otis M. ....	Agr. ....	N. C. ....		
Danbury, Alyne. ....	Educ. ....	2nd Yr. ....	King City. ....	Gentry.
Daniels, Herbert H. ....	B. & P. A. ....	2nd Yr. ....	Columbia. ....	Boone.
Daniels, Mitchell. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Daniels, Vernon E. ....	Arts. ....	Soph. ....	Beloit, Kan. ....	
Danielson, Gladys Evange- line. ....	Arts. ....	Sr. ....	Kansas City. ....	Jackson.
Darby, Elizabeth. ....	Educ. ....	2nd Yr. ....	Kansas City. ....	Jackson.
Darling, Grace. ....	Arts. ....	{Fr. .... {Nurse. ....	Meadville. ....	Linn.
Darvick, Max. ....	Arts. ....	Fr. ....	New York, City. ....	
Dauernheim, Charles J. ....	Agr. ....	S. C. ....	St. Louis. ....	
Daugherty, Albert S. J., Jr. ....	Arts. ....	Soph. ....	Fort Smith, Ark. ....	
Devault, Willie A. ....	Arts. ....	Soph. ....	Mount Vernon. ....	Lawrence.
Davenport, John Edward. ....	Arts. ....	Soph. ....	River Forest, Ill. ....	
David, Walter Wyet. ....	Agr. ....	N. C. ....	Kansas City. ....	Jackson.
Davidman, Mrs. Anna, A. B.	{Med. .... {Grad. ....	2nd Yr.	St. Louis. ....	
Davidson, Ila. ....	Arts. ....	Fr. ....	Rocky Comfort. ....	McDonald.
Davidson, Leland Stanford. ....	Law. ....	2nd Yr. ....	Grant City. ....	Worth.
Davidson, Merle A. ....	Educ. ....	Spec. ....	Columbia. ....	Boone.
Davidson, Ruth. ....	Arts. ....	Fr. ....	Rocky Comfort. ....	McDonald.
Davidson Signor Winfield. ....	Arts. ....	Soph. ....	Senath. ....	Dunklin.
Davis, Joseph Potter. ....	Law. ....	2nd Yr. ....	Mt. Vernon. ....	Lawrence.
Davis, Arch S. ....	B. & P. A. ....	2nd Yr. ....	St. Louis. ....	
Davis, Arthur Lee. ....	Agr. ....	N. C. ....	Unionville. ....	Putnam.
Davis, Charles Wesley. ....	Eng. ....	Jr. ....	Kansas City. ....	Jackson.
Davis, Clarence Walter. ....	Agr. ....	Sr. ....	Fulton. ....	Callaway.
Davis, Clay T. ....	Agr. ....	S. C. ....	Braymer. ....	Caldwell.
Davis, Donald P. ....	Arts. ....	Spec. ....	Walker. ....	Vernon.
Davis, Earle Dean. ....	Eng. ....	Jr. ....	Trenton. ....	Grundy.
Davis, Eddie. ....	Eng. ....	N. C. ....	Mercer. ....	Mercer.
Davis, Evelyn. ....	Arts. ....	Fr. ....	Walker. ....	Vernon.
Davis, Florence McKay. ....	Arts. ....	Fr. ....	Chillicothe. ....	Livingston.
Davis, Frank Harley. ....	{Arts. .... {Med. ....	Sr. .... 2nd Yr.	Warsaw. ....	Benton.
Davis, Franklin L. ....	Agr. ....	Soph. ....	Mt. Grove, Tex. ....	
Davis, Fred. ....	Agr. ....	N. C. ....	Collins. ....	St. Clair.
Davis, George. ....	Arts. ....	Sr. ....	Harnersville. ....	Dunklin.
Davis, Harland C. ....	Arts. ....	Fr. ....	Webb City. ....	Jasper.
Davis, Howard Wendell. ....	Eng. ....	Sr. ....	Harrisonville. ....	Cass.
Davis, Hugh Watt. ....	Arts. ....	Fr. ....	Reger. ....	Sullivan.
Davis, James F. ....	Agr. ....	N. C. ....	Cameron. ....	Clinton.
Davis, James Theron. ....	Arts. ....	Fr. ....	Perry. ....	Ralls.
Davis, Joseph B. ....	Educ. ....	Spec. ....	Arcadia. ....	Iron.
Davis, Katherine A. ....	Arts. ....	Sr. ....	Richmond. ....	Ray.
Davis, Kathleen. ....	Arts. ....	Spec. ....	Walker. ....	Vernon.
Davis, Leo Vere. ....	Eng. ....	Fr. ....	Braymer. ....	Caldwell.
Davis, Mrs. Lulu S. ....	Arts. ....	Spec. ....	Columbia. ....	Boone.
Davis, Monroe Moss. ....	Eng. ....	Sr. ....	Columbia. ....	Boone.
Davis, Paul Whitney. ....	Eng. ....	Soph. ....	Kansas City. ....	Jackson.
Davis, Reuben Isaiah, B. S. in Ed. ....	Agr. ....	Sr. ....	Monteer. ....	Shannon.



Name	Division	Class	Postoffice	County
Davis, Vesta C.	Arts.	Spec.	Mountain Grove.	Wright.
Davis, Vincil Hillbrant.	Agr.	Sr.	Sheldon.	Vernon.
Davison, Leota.	Arts.	Spec.	Joplin.	Jasper.
Dawe, Charles H.	Agr.	S. C.	St. Charles.	St. Charles.
Dawes, Juliet Ruby.	Arts.	Fr.	Mont Clair, N. J.	
Dawson, Horace Tinsman.	Agr.	Jr.	Kahoka.	Clark.
Dawson, Lee Sears.	Agr.	N. C.	Fulton.	Callaway.
Day, Doris Conroe.	Jour.	Spec.	Fairmont, Minn.	
Day, Florence C.	Arts.	Spec.	Fulton.	Callaway.
Day, Harry A.	Arts.	Soph.	Lexington.	Lafayette.
Day, Lois A.	Arts.	Soph.	Huntsville.	Randolph.
Day, Myrtle Marie.	Arts.	Fr.	Vandalia.	Audrain.
Day, Ralph Addison.	Eng.	Soph.	Mexico.	Audrain.
Dayton, Max Freeman.	Arts.	Soph.	Aurora.	Lawrence.
Deacy, Gladys Elizabeth.	Educ.	2nd Yr.	Lawson.	Ray.
Deal, Don R.	Eng.	Fr.	Cape Girardeau.	C. Girardeau.
Deal, Theo Avery.	B. & P. A.	2nd Yr.	Kansas City.	Jackson.
Dean, Harold Frederick.	Arts.	Sr.	Sedalia.	Pettis.
Dean, Mildred Alice.	Arts.	Soph.	St. Louis.	
Dean, Willard F.	Arts.	Fr.	Sedalia.	Pettis.
Dean, William.	Agr.	Fr.	Carrollton.	Carroll.
Dearing, Will B.	Arts.	Fr.	Potosi.	Washington.
Deatherage, Glen Randolph.	Educ.	2nd Yr.	Carthage.	Jasper.
Deaton, Ida Elizabeth.	Agr.	Fr.	Columbia.	Boone.
Decker, Ernest Hamilton.	Arts.	Sr.		
Decker, LaVerne.	Med.	2nd Yr.	Centralia.	Boone.
Decker, Oscar H.	Eng.	Fr.	Carthage.	Jasper.
Decker, Virgil O.	Agr.	Soph.	Sikeston.	Scott.
Deedman, Nancy Lee.	Arts.	Soph.	Exeter.	Barry.
DeFriess, Mrs. F. W.	Arts.	Soph.	Blackburn.	Saline.
DeGroot, Francis Joseph.	Agr.	S. C.	Columbia.	Boone.
Delcour, Kathryn.	Arts.	Fr.	Slater.	Saline.
Delf, Thomas Ward.	Arts.	Soph.	Elvins.	St. Francois.
Delp, Joseph Daniel, B. S. (S. W. St. Teach. College).	Arts.	Fr.	Ridgeway.	Harrison.
DeMoss, Mrs. Genevieve.	Grad.		Springfield.	Greene.
DeMoss, Luther William.	Arts.	Soph.	Stanberry.	Gentry.
DeMuth, Lawrence Wheeler, A. B., A. M.	Agr.	Fr.	Stanberry.	Gentry.
Denham, Georgia.	Law.	1st Yr.	Mexico.	Audrain.
Denman, Mack Freeman.	Arts.	Soph.	Columbia.	Boone.
Denneny, Joe B., Jr.	Arts.	Fr.	Farmington.	St. Francois.
Denneny, Nannie May.	B. & P. A.	1st Yr.	Fayette.	Howard.
Dennis, William R.	Jour.	Spec.	Fayette.	Howard.
Denny, Chester Hampton.	Agr.	N. C.	Caledonia.	Washington.
Denton, Doris Bell.	Agr.	Soph.	Creve Coeur.	St. Louis.
Denton, Helen Vernelle.	Arts.	Sr.	Butler.	Bates.
Denton, Madolin.	Arts.	Fr.	Mexico.	Audrain.
Deppe, Henry J.	Arts.	Jr.	Columbia.	Boone.
DeSouza, Adolphus Rod- rigues.	Agr.	Spec.	Lebanon.	Laclede.
Detert, Ralph A.	Agr.	Spec.	Pelotal, Brazil.	
Detwiler, Homer William.	B. & P. A.	1st Yr.	Calhoun.	Henry.
Deuber, Carl G., B. S. in Agr.	Arts.	Soph.	Richmond.	Ray.
Devaney, Michael Edward.	Grad.		St. Louis.	
Devier, Chester Dinwiddie.	Agr.	N. C.	Rush Hill.	Audrain.
DeVol, Matred Mertens.	Eng.	Soph.	Columbia.	Boone.
deVries, Lucille K.	Arts.	Fr.	Steelville.	Crawford.
deVries, Marguerite M.	Agr.	Fr.	Columbia.	Boone.
Deeweese, James.	Agr.	Fr.	Columbia.	Boone.
Dewey, Mrs. Bessie Felton.	Agr.	S. C.	Appleton City.	Henry.
Dewey, Robert M., B. S. in Ed. (Columbia Univ.).	Arts.	Sr.	Columbia.	Boone.
Dexheimer, Frank Ernest.	Arts.	Sr.		
DeYoung, William, B. S. in Agr. (Mich Agr. College).	Med.	2nd Yr.	Sedalia.	Pettis.
Dick, Charles.	Grad.		Columbia.	Boone.
Dick, Dorothy.	Agr.	S. C.	Windsor.	Benton.
Dick, Frances.	Arts.	Fr.	St. Louis.	
Dickerson, James Albert.	Arts.	Fr.	Brookfield.	Linn.
Dickerson, Louise Elizabeth.	Agr.	N. C.	Marshall.	Saline.
Dickey, Cranston Merrill.	Arts.	Spec.	Vinita, Okla.	
Dickey, French Lionel.	Arts.	Soph.	St. Joseph.	Buchanan.
Dickinson, Lella Irvine.	Arts.	Soph.	Kansas City.	Jackson.
Dickinson, Mabel.	B. & P. A.	2nd Yr.	St. Louis.	
Dickinson, Thomas Seddon.	Educ.	Spec.	Independence.	Jackson.
Dickson, Susana.	Arts.	Soph.	Clinton.	Henry.
Dienst, Anna Nettie.	Arts.	Jr.		
Dierking, Effie.	Educ.	1st Yr.	Savannah.	Andrew.
Dierking, Ray Frank.	Jour.	2nd Yr.	Alexandria.	Clark.
Diesing, Eugene Victor.	Educ.	1st Yr.	Marshall.	Saline.
	Eng.	Sr.	Napton.	Saline.
	Arts.	Fr.	St. Louis.	

Name	Division	Class	Postoffice	County
Diffey, Dorothy Carter.	Jour.	1st Yr.	Cotton Plant, Ark.	
Diggle, Paul W.	Arts.	Soph.	Kansas City	Jackson.
Dike, Lawrence M.	B. & P. A.	1st Yr.	Kansas City	Jackson.
Dilts, Mary Helen.	Arts.	Fr.	Stoutsville.	Monroe.
Dilworth, Donald.	Arts.	Spec.	Beloit, Kan.	
Dimmit, Bertie Florence.	Educ.	2nd Yr.	Wheeling.	Livingston.
Dinges, Rawlston M.	Agr.	Jr.	St. Louis.	
Dirckx, Elsie M.	Arts.	Fr.	Jefferson City	Cole.
Dirckx, George Charles.	Agr.	Sr.	Jefferson City	Cole.
Distler, Herman J.	Agr.	N. C.	Jefferson City	Cole.
Ditmars, Lucy.	Arts.	Spec.	Plattsburg.	Clinton.
Dittbrenner, Erhard E.	Eng.	Spec.	St. Peter, Minn.	
Dixon, Carl Russell.	Agr.	Fr.	Cosby.	Andrew.
Dixon, Elizabeth Fay.	Arts.	Fr.	Columbia	Boone.
Dixon, Fred Bruner.	Arts.	Fr.	Columbia	Boone.
Doak, Ruth L.	Educ.	1st Yr.	Laclede.	Linn.
Dodd, Eugenia.	Jour.	1st Yr.	Springfield.	Greene.
Dodd, Margaret M.	Arts.	Soph.	Springfield.	Greene.
Dodds, Harry Edgar.	Eng.	Jr.	Chamais.	Osage.
Doerschuk, Mary Virginia.	Arts.	Soph.	Kansas City	Jackson.
Donan, Doris Dean.	Agr.	S. C.	Mound City	Holt.
Donahue, Thomas Edward.	Eng.	Fr.	Joplin.	Jasper.
Doneghy, Frances Virginia.	Arts.	Sr.	Macon.	Macon.
Doole, Howard Pollock, A. B. (Park College).	Grad.		Adams, Neb.	
Dooley, Carlston W.	Arts.	Fr.	Houston.	Texas.
Dooley, Isabell W.	Arts.	Soph.	Houston.	Texas.
Dooley, William J.	Jour.	Spec.	Ford, Kan.	
Dorgan, Norinne.	Arts.	Soph.	Columbia.	Boone.
Dorsey, Annie.	Educ.	Spec.	Kansas City	Jackson.
Dorsey, Dorothy Baker.	Arts.	Soph.	Columbia.	Boone.
Dorsey, Fern.	Jour.	Spec.	Wichita, Kan.	
Dorsey, John B.	Eng.	Soph.	Norborne.	Carroll.
Dotson, Lena.	Arts.	Fr.	Bethany.	Harrison.
Dotson, Walter Daily.	Agr.	Jr.	Keytesville.	Chariton.
Doud, Glenola Mae.	Educ.	1st Yr.	Columbia.	Boone.
Dougherty, John Herman.	Arts.	Jr.	Rolla.	Phelps.
Douglas, Harlie Roy, B. S. in Ed.	Grad.		Perry.	Ralls.
Douglas, Mary.	Arts.	Spec.	Stoutsville.	Monroe.
Douglass, Helen.	Arts.	Fr.	Columbia.	Boone.
Dowell, Crawford.	Agr.	S. C.	Benton City.	Audrain.
Dowell, Donald Horace.	Arts.	Fr.	Maryville.	Nodaway.
Dowell, Lenore.	Arts.	Fr.	Vandalia.	Audrain.
Downen, Prosser.	Agr.	S. C.	Carmi, Ill.	
Downing, Dorothy Haines.	Arts.	Fr.	Columbia.	Boone.
Downs, Miley Earl, B. S. (S. W. Mo. St. Teach. College).	Grad.		Bellflower.	Montgomery.
Doyle, Frank Edward.	Law.	2nd Yr.	Marceline.	Linn.
Doyle, James Edward.	Arts.	Spec.	Webb City.	Jasper.
Drain, Katherine V.	Educ.	2nd Yr.	Shelbyville.	Shelby.
Drake, Avery Ala.	Arts.	Jr.	Laredo.	Grundy.
Drake, Cary Edmond.	Arts.	Jr.	Carrollton.	Carroll.
Drake, George David.	B. & P. A.	1st Yr.	Rocheport.	Boone.
Drake, James Crawford.	B. & P. A.	2nd Yr.	Memphis.	Scotland.
Drake, John Beach, Jr.	Agr.	Sr.	Hannibal.	Marion.
Draper, Herbert Cecil.	Eng.	Sr.	Salisbury.	Chariton.
Drescher, Arthur Brent, Jr.	Arts.	Fr.	Hannibal.	Marion.
Dritt, Sarah Ellen.	Educ.	2nd Yr.	California.	Moniteau.
Driver, George Lymon.	Arts.	Soph.	Ponca City, Okla.	
Droege, Albert Joseph.	Agr.	Fr.	St. Louis.	
Dronenburg, Russell N.	Eng.	N. C.	Norborne.	Carroll.
Drum, Clarence Gilman, A. B. (Med.)	Grad.			
Drum, Manuel Gayman, B. S. in Agr.	(Med.)	2nd Yr.	Columbia.	Boone.
Drumm, Ruth.	Educ.	1st Yr.	Cape Girardeau.	C. Girardeau.
Drumm, Sarah Elizabeth.	Arts.	Soph.	Columbia.	Boone.
Drummond Martha Jewel.	Arts.	Fr.	Columbia.	Boone.
Drummond, Pearl Louise.	Arts.	Sr.	Enid, Okla.	
Dryden, Cecil Verne.	Arts.	Spec.	Bryan, Texas.	
Dryden, John Julian.	Agr.	N. C.	Lamar.	Barton.
Dryden, Ralph Waldo.	Agr.	Fr.	Purdin.	Linn.
Drymon, Allie.	Jour.	2nd Yr.	Independence.	Jackson.
Drymon, Floyd.	Arts.	Fr.	Willow Springs.	Howell.
Dubail, Edith C.	Eng.	Jr.	Willow Springs.	Howell.
Duehn, Artie.	Arts.	Soph.	St. Louis.	
Duff, Anna Almeda, A. B. (Univ. of Colo.)	Educ.	1st Yr.	Hiawatha, Kan.	
Duff, Samuel Edward, A. B.	Grad.		Versailles.	Morgan.
Duffett, Samuel Benton.	Grad.		Versailles.	Morgan.
Dufford, Ray Theodore.	Arts.	Soph.	Henrietta.	Ray.
Dulaney, Anna Dean, A. B. B. S. in Ed.	Grad.		Columbia.	Boone.
Dull, Anna Jean.	Grad.		Slater.	Saline.
Dunaway, Bess.	Arts.	Fr.	Paris.	Monroe.
	Arts.	Fr.	Madison.	Monroe.

Name	Division	Class	Postoffice	County
Dunbar, Emily	Educ.	2nd Yr.	Nevada	Vernon.
Dunbar, Laverne Jerome	Arts.	Soph.	Hannibal	Marion.
Duncan, Elizabeth Lucile	Arts.	Jr.	Columbia	Boone.
Duncan, Mrs. Elsie Park	Educ.	1st Yr.	Columbia	Boone.
Duncan, Finis Omer, B. S. in Ed., A. M.	Grad.		Columbia	Boone.
Duncan, Harold G.	Arts.	Fr.	Cartersville	Jasper.
Duncan, John W.	Agr.	S. C.	Ursa, Ill.	
Duncan, Nason Neill	Arts.	Sr.	Columbia	Boone.
Duncan, Otho	Arts.	Fr.	Fairview	Newton.
Dundey, Charles Louis	Arts.	Fr.	Kansas City	Jackson.
Dunham, Ila Dottie	Arts.	Jr.	Columbia	Boone.
Dunkle, Earl Francis	Eng.	Soph.	Joplin	Jasper.
Dunlap, Gertrude Lucile	Arts.	Soph.	Newton, Kan.	
Dunlap, John W.	Agr.	Fr.	Kansas City	Jackson.
Dunmire, Ruby Eugenia	Educ.	1st Yr.	Kennett	Dunklin.
Dunn, Anna Lee	Arts.	Fr.	Salisbury	Chariton.
Dunn, Charles William	Jour.	2nd Yr.	Jameson	Daviess.
Dunn, Dorothy	Jour.	2nd Yr.	Denver, Colo.	
Dunn, John Thomas	B. & P. A.	1st Yr.	Boles	Franklin.
Dunn, Lawrence H.	Agr.	Fr.	Walker	Vernon.
Dunn, Perry K.	B. & P. A.	Spec.	Columbia	Boone.
Dunn, Vesta	Arts.	Soph.	Jameson	Daviess.
Dunnivant, Mary Emma	Arts.	Jr.	Kirkwood	St. Louis.
Dunning, Lillian Elizabeth	Educ.	1st Yr.	Deepwater	Henry.
Dunwoody, Frances	Arts.	Jr.	Joplin	Jasper.
Dupras, Edmond	Agr.	Spec.	Neodesha, Kan.	
Durant, Richard B.	Arts.	Fr.	Miami, Okla.	
Durbin, Brice	B. & P. A.	2nd Yr.	Chamolis	Osage.
Durham, Mrs. Nabby Hilt	Arts.	Soph.	Moberly	Randolph.
Durrell, Glen	Agr.	Fr.	Kansas City	Jackson.
Durrell, Harold	Arts.	Soph.	Kansas City	Jackson.
Dutton, Flossie Oliva	Educ.	2nd Yr.	New Florence	Montgomery.
Duvall, Josephine	Arts.	Fr.	Kansas City	Jackson.
Duvall, William Leslie	Arts.	Soph.	Butler	Bates.
Duysing, Grace Talcott	Arts.	Jr.	Kansas City	Jackson.
Dysart, Anna Elizabeth	Educ.	Spec.	Marshall	Saline.
Dysart, Ben Robnett, A. B.	(Med.) Grad.	2nd Yr.		
Dysart, Mary	Educ.	Spec.	Columbia	Boone.
Dysart, Winnifred Robnett, A. B.	Educ.	1st Yr.	Columbia	Boone.
Dziatzko, Maude	Arts.	Fr.	Webster Groves	St. Louis.
Earl, Bryan Arthur	Agr.	S. C.	Jasper	Jasper.
Earle, G. W., B. S. in Ed.	Grad.		Preston, Kan.	
Early, Frances Marie	Arts.	Spec.	Mercer	Mercer.
Eastin, Bertha Calie	Agr.	Sr.	Greenfield	Dade.
Eaves, Edward	Agr.	N. C.	St. Louis	
Eby, Dale J.	Arts.	Soph.	Excelsior Springs	Clay.
Eccles, Byron	Arts.	Soph.	Eldon	Miller.
Eckelberry, Niel Emler	(Arts.) (Med.)	Sr. 2nd Yr.		
Eckert, Conrad Lyman	B. & P. A.	1st Yr.	Kingston	Caldwell.
Eckler, Roger E.	Agr.	S. C.	Kansas City	Jackson.
Edde, Clifford G.	Arts.	Fr.	Wellsville	Montgomery.
Eddins, Auther Hamner	Agr.	Sr.	Preston	Hickory.
Eddlemon, Walter Jacob	Eng.	Sr.	Salisbury	Chariton.
Edgar, Mary C.	Grad.		Eldorado Springs	Cedar.
Edinger, Arthur Tobias, B. S. in Agr. (Ohio State U.)	Grad.		Columbia	Boone.
Edmonds, George M.	Arts.	Fr.	Chillicothe, O.	
Edmonds, Leland C.	Arts.	Soph.	Tina	Carroll.
Edmonds, Lottie May	Law	Spec.	Tina	Carroll.
Edmonds, Trenouth W.	Arts.	Fr.	Bernie	Stoddard.
Edscorn, George Edward	Eng.	Spec.	Tina	Carroll.
Edson, Frank G.	Arts.	Spec.	St. Louis	
Edwards, Brice, Jr.	Agr.	Soph.	St. Joseph	Buchanan.
Edwards, Claude	Agr.	Sr.	St. Charles	St. Charles.
Edwards, Corwine D., A. B.	Jour.	Soph.	Greenfield	Dade.
Edwards, George Raymond	Jour.	2nd Yr.	Columbia	Boone.
Edwards, James Carter	Jour.	2nd Yr.	Kansas City	Jackson.
Edwards, Jeannette D.	Arts.	Jr.	Jefferson City	Cole.
Edwards, Joseph Harry, Jr.	Jour.	2nd Yr.	St. Charles	St. Charles.
Edwards, Leland Claire	Arts.	Soph.	Jefferson City	Cole.
Edwards, Lucy Fannie	Agr.	Fr.	Rea	Andrew.
Edwards, Minnie Louise	Educ.	1st Yr.	Centralla	Boone.
Edwards, Moss Monroe	Educ.	2nd Yr.	Shreveport, La.	
Edwards, Wyatt	Eng.	Jr.	Centralla	Boone.
Egan, Alfred Burton	Arts.	Soph.	Greenfield	Dade.
Egley, George R.	Arts.	Sr.	Kansas City	Jackson.
Egley, Loren Edward	Agr.	S. C.	Alexandria	Clark.
Ellenberger, Avery Guy	Arts.	Soph.	Maryville	Nodaway.
Eisberg, Sam.	Arts.	Fr.	Columbia	Boone.
Eisen, Norbert A.	Eng.	Fr.	Kansas City	Jackson.
Eisloben, Helen C.	Eng.	Soph.	Sweet Springs	Saline.
	Arts.	Soph.	St. Louis	



Name	Division	Class	Postoffice	County
Elam, Elma	Arts.	Spec.	Madison	Monroe.
Elam, Robert P.	Arts.	Fr.	Webster Groves	St. Louis.
Elbring, Herbert Richard	Eng.	Soph.	Clayton	St. Louis.
Eldean, Ferdinand August	(Arts.) (Law)	Jr. 2nd Yr.	Moline, Ill.	
Elkins, Arthur Bruce	Arts.	Sr.	Dixon	Pulaski.
Elkins, Blanche	Arts.	Fr.	Dixon	Pulaski.
Elkins, Sallye Martha	(Arts.) (Grad.)	Sr.	Ponder	Ripley.
Ellet, Arthur Gillman, Jr.	Arts.	Fr.	Kansas City	Jackson.
Elliott, Mrs. Ada McDaniels	Arts.	Soph.	Columbia	Boone.
Elliott, Fred B.	Eng.	Fr.	Lamar	Barton.
Elliott, Joseph Carl	Eng.	Soph.	New London	Ralls.
Elliott, Loretta	Arts.	Fr.	Perry	Ralls.
Elliott, Russell Goodman	Agr.	Sr.	Clarksville	Pike.
Ellis, Coburn Hudson	Arts.	Fr.	Garden City	Cass.
Ellis, Thomas F.	Agr.	S. C.	Stewartsville	DeKalb.
Ellison, Fred O.	Agr.	N. C.	Ava	Douglas.
Ellsworth, Mrs. Ida	Arts.	Spec.	Columbia	Boone.
Ellwanger, Jack William	Jour.	1st Yr.	St. Charles	St. Charles.
Ellwood, Walter Brecken- ridge	Arts.	Soph.	Columbia	Boone.
Elmore, Frank	Agr.	N. C.	St. Louis	
Elmore, John E., A. B. (West- minster College)	Educ.	2nd Yr.	McCredie	Callaway.
Elmore, Kenneth Reano	Agr.	Fr.	Niangua	Webster.
Elmore, William Jessie	Agr.	N. C.	E. St. Louis, Ill.	
Elsperman, Ruth H.	Arts.	Fr.	St. Louis	
Elstner, Leonard Stuart	Arts.	Fr.	Kansas City	Jackson.
Elting, C. Harold	Eng.	Soph.	Carthage	Jasper.
Elting, Erwin C.	Agr.	Jr.	Carthage	Jasper.
Ely, Ben Ezra Stiles, Jr., A. B.	Law	3rd Yr.	Hannibal	Marion.
Ely, Mrs. Sallie P.	Law	Spec.	Hannibal	Marion.
Emerson, Cleone Chamber- land	Arts.	Fr.	Springfield	Greene.
Emerson, Ray R.	Agr.	Jr.	St. Louis	
Emerson, R. W.	Educ.	Spec.	Springfield	Greene.
Emery, Clifford George	Agr.	N. C.	Springfield	Greene.
Emison, William Earl	B. & P. A.	1st Yr.	Wellington	Lafayette.
Engberg, Fred	Agr.	Spec.	Bucklin	Linn.
England, Glenn Allen	Eng.	Fr.	Steelville	Crawford.
England, Ray	Arts.	Soph.	Neosho	Newton.
Englehart, Bernard William	Agr.	N. C.	St. Louis	
English, Edward Gates	Eng.	Soph.	Kansas City	Jackson.
English, Robert William	Eng.	Fr.	St. Joseph	Buchanan.
English, Samuel Herbert	Eng.	Sr.	Macon	Macon.
Enloe, Jane	Arts.	Jr.	Columbia	Boone.
Enochs, Walter W.	Agr.	N. C.	Columbia	Boone.
Enyart, Clarence Edward	Arts.	Fr.	Stanberry	Gentry.
Enyart, James Wayne	Arts.	Fr.	Callao	Macon.
Enyart, John Leslie	Med.	1st Yr.	Callao	Macon.
Eppard, Lois Elizabeth	Educ.	Spec.	Anderson	McDonald.
Epperson, Emma	Educ.	Spec.	McCredie	Callaway.
Epstein, Malcolm Bradlee	Eng.	Fr.	St. Louis	
Epstein, Monroe Edward	Eng.	Sr.	St. Louis	
Erb, Charles Edward	Eng.	Jr.	St. Joseph	Buchanan.
Erhart, Theodore Joseph	Agr.	S. C.	Jefferson City	Cole.
Erickson, Annabel Lee	Arts.	Fr.	Little Rock, Ark.	
Ermeling, William Louis	Agr.	N. C.	St. Louis	
Ernst, Otto W.	Agr.	N. C.	Prairie Home	Cooper.
Essig, Mary	Arts.	Spec.	Plattsburg	Clinton.
Essman, Oscar C.	Law	1st Yr.	Canaan	Gasconade.
Essman, Walter	Arts.	Jr.	Bland	Gasconade.
Estes, Elizabeth Frances	Arts.	Jr.	Columbia	Boone.
Estes, Mrs. Isabel M.	Arts.	Spec.	Columbia	Boone.
Estes, Mary Susan	Arts.	Fr.	Columbia	Boone.
Esther, Ruth Vernon	Educ.	2nd Yr.	Lebanon	Laclede.
Esther, Windsor S.	Eng.	Spec.	Lebanon	Laclede.
Estill, Lawrence Denny	Eng.	Soph.	Lawson	Ray.
Etter, Betty	Jour.	2nd Yr.	Sigourney, Ia.	
Etter, Thomas, Jr.	Agr.	Fr.	Bunceton	Cooper.
Eubank, Charles Wyatt	Eng.	Jr.	Otterville	Cooper.
Eubanks, Ralph McKinley	Law	1st Yr.	Milan	Sullivan.
Evans, Bert	B. & P. A.	1st Yr.	Kansas City	Jackson.
Evans, Elmer S.	Arts.	Soph.	Vinita, Okla.	
Evans, Glenn David	Law	1st Yr.	Atlanta	Macon.
Evans, Herbert	Arts.	Soph.	Mercer	Mercer.
Evans, Houston Valle	Arts.	Soph.	Orrick	Ray.
Evans, Hugh Jennings	(Med.) (Arts.)	2nd Yr. Sr.	Kansas City	Jackson.
Evans, James Earl	Arts.	Jr.	Carrollton	Carroll.
Evans, John Franklin, Jr.	Law	3rd Yr.	Potosi	Washington.
Evans, John Ransel	Eng.	Sr.	Denton	Johnson.
Evans, Lucille	Arts.	Jr.	Columbia	Boone.

Name	Division	Class	Postoffice	County
Evans, Mary Louise	Arts.	Fr.	Columbia.	Boone.
Evans, R. O.	Educ.	2nd Yr.	Lamoni, Ia.	
Evans, Rebecca	Jour.	1st Yr.	Columbia.	Boone.
Evans, Rex William	Arts.	Soph.	Kansas City.	Jackson.
Evans, Robert D.	Agr.	Sr.	Dawn	Livingston.
Evans, Ruth Elizabeth	Educ.	1st Yr.	Golden City.	Barton.
Evans, William O.	Agr.	N. C.		
Evans, William W.	Agr.	N. C.	Armstrong.	Howard.
Eveler, John	Agr.	S. C.	Jefferson City.	Cole.
Everett, Millard Fillmore	Agr.	Fr.	Belton.	Cass.
Everhard, Mark	Agr.	S. C.	Granby.	Newton.
Everhart, Howard Bedford	Eng.	Fr.	Columbia.	Boone.
Everhart, Joseph Burt	Law.	2nd Yr.	Fulton.	Callaway.
Everly, Mildred, B. S. in Ed.	Grad.		Columbia.	Boone.
Everly, Tom Edward	Eng.	Sr.	Columbia.	Boone.
Ewing, John Boyd	Law.	3rd Yr.	Nevada.	Vernon.
Ewing, Lynn Moore	Arts.	Fr.	Nevada.	Vernon.
Ewing, Morris Edward	Agr.	Sr.	Morrisville.	Polk.
Facultad, Jose M.	Arts.	Sr.		
Fair, Lucile Elizabeth	Med.	2nd Yr.	Pototan, P. I.	
Fairbairn, Leta Marie	Arts.	Soph.	Trenton.	Grundy.
Fairbrother, Richard Weber	Educ.	2nd Yr.	Columbia.	Boone.
Faires, Earl Whitesides	Arts.	Sr.	Wyconda.	Clark.
Fairlamb, Helen G.	Agr.	Jr.	Charlotte, N. C.	
Fajardo, August	Arts.	Fr.	Kansas City.	Jackson.
Fallman, Mitchell Alexander	Eng.	Fr.	Oruro, Bolivia.	
Faris, John Calvert	Arts.	Fr.	Wellington.	Lafayette.
Faris, Mary Lee	B. & P. A.	2nd Yr.	Bentonville, Ark.	
Farmer, Arlo John	Arts.	Sr.	St. Louis.	
Farmer, Blanche	N. C.		Columbia.	Boone.
Farmer, J. H.	Educ.	2nd Yr.	Elsberry.	Lincoln.
Farneman, Jacob Roscoe	Agr.	Fr.	Smithville.	Clay.
Farnham, Charles William	Arts.	Soph.	Joplin.	Jasper.
Farrens, Iva A.	Jour.	1st Yr.	Central City, Neb.	
Farrow, Roy Lee	Arts.	Soph.	Hopkins.	Nodaway.
Farwell, Ralph W.	Arts.	Soph.	Caruthersville.	Pemiscot.
Faubion, Roth H.	Eng.	Fr.	Grange.	Scotland.
Faurot, Donald Burrows	Arts.	Fr.	Lamar.	Barton.
Fawcett, John A.	Agr.	Soph.	Mountain Grove.	Wright.
Fay, Paul Johnson	Agr.	S. C.	Fairgrove.	Greene.
Fay, Vernon M.	Arts.	Jr.	St. Louis.	
Feaster, Florence D., A. B.	Arts.	Fr.	Kirksville.	Adair.
Feaster, Nellie Mae	Grad.		Columbia.	Boone.
Fehlig, John Bernard, Jr.	Arts.	Soph.	Columbia.	Boone.
Feigenbaum, Bernard	Eng.	Soph.	Kansas City.	Jackson.
Feingold, Percy	Arts.	Soph.	New York City.	
Feist, George Van, A. B.	Arts.	Spec.	New York City.	
Fellows, Alfred Baldwin	Grad.		Monett.	Barry.
Feltenstein, Gerald D.	Arts.	Fr.	Springfield.	Greene.
Felton, Horace Lloyd	Arts.	Fr.	St. Joseph.	Buchanan.
Fenton, Maraget	Jour.	1st Yr.	Parnell.	Nodaway.
Ferguson, Ralph Edmond	Arts.	Fr.	Kansas City.	Jackson.
Ferguson, Clarence Elbert, A. B. (Univ. of Chicago)	Arts.	Fr.	Carrollton.	Carroll.
Ferguson, Ernest N., Jr.	Grad.		San Marcos, Texas.	
Ferguson, Harry	Arts.	Fr.	Springfield.	Greene.
Ferris, Ruth	Educ.	2nd Yr.	Kansas City.	Jackson.
Ferry, Arlow Vernon	Eng.	Jr.	St. Louis.	
Ferry, Ralph Mavity	Eng.	Jr.	Sheldon.	Vernon.
Fette, David Victor	Agr.	Soph.	Nevada.	Vernon.
Feurt, Boyd Everly	Agr.	Sr.	Hannibal.	Marion.
Feurt, Richard Glenn	Agr.	Fr.	Jameson.	Daviess.
Few, Walter E.	Agr.	Fr.	Jameson.	Daviess.
Fewsmith, Hettie Joy	N. C.		Doniphan.	Ripley.
Fible, John F.	Educ.	2nd Yr.	Columbia.	Boone.
Picklin, Horace David	Agr.	Spec.	Kansas City.	Jackson.
Fidler, Etherlyn Frances	Agr.	Jr.	Clifton Hill.	Randolph.
Fielder, Birkley Arthur	Arts.	Fr.	Keytesville.	Chariton.
Fields, Robert Crump	Arts.	Fr.	Louisiana.	Pike.
Fields, Russell Calvin	Soph.		Paris.	Monroe.
Fieth, Alfred Henry	Agr.	S. C.	Cowgill.	Caldwell.
Fietsam, Irvin A.	B. & P. A.	1st Yr.		
Fietsam, Raymond K.	Eng.	Spec.	St. Louis.	
Findlay, Walstein C., Jr.	Eng.	Soph.	St. Louis.	
Findley, Russell Lynd	Arts.	Fr.	Kansas City.	Jackson.
Fink, Polly	Eng.	Sr.	Meadville.	Linn.
Finkel, Louis	Arts.	Soph.	Bloomfield.	Stoddard.
Finkelstein, Leo	Arts.	Jr.		
Finlayson, Alexander Smellie	Med.	1st Yr.	Jersey City, N. J.	
Finlayson, Mrs. Eva Sylvester	Jour.	2nd Yr.	Kansas City.	Jackson.
Finley, Anna Georgiana	Eng.	Sr.	Carrollton.	Carroll.
Finley, Gertrude	Arts.	Soph.	Carrollton.	Carroll.
	Educ.	Spec.	Columbia.	Boone.
	Arts.	Fr.	New Bloomfield.	Callaway.

Name	Division	Class	Postoffice	County
Finley, Sydney Austin.....	Arts.....	Spec....	Charleston.....	Mississippi.
Fischer, Ernest Gus.....	Arts.....	Fr.....	Bartlett, Texas.....	
Fischer, Ralph A. J.....	Arts.....	Soph....	Alma.....	Lafayette.
Fisher, Allan M.....	Arts.....	Soph....	Kansas City.....	Jackson.
Fisher, Benjamin Atwood.....	Eng.....	Soph....	St. Louis.....	
Fisher, Charles Nelson.....	Eng.....	Soph....	St. Louis.....	
Fisher, Charles Raymond.....	Eng.....	Soph....	Cape Girardeau.....	C. Girardeau.
Fisher, David E.....	Agr.....	S. C.....	Mexico.....	Audrain.
Fisher, Ernest A.....	Eng.....	Jr.....	Columbia.....	Boone.
Fisher, Mrs. James Henry.....	Arts.....	Spec....	Columbia.....	Boone.
Fisher, James Henry.....	Agr.....	Jr.....	Columbia.....	Boone.
Fisher, Lorenz A.....	Eng.....	Fr.....	Cape Girardeau.....	C. Girardeau.
Fisher, Loucillah.....	Arts.....	Fr.....	Hannibal.....	Marion.
Fisher, Robert Louis.....	Arts.....	Fr.....	St. Louis.....	
Fishman, Louis.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Fitch, Albert H.....	Agr.....	Fr.....	Centerview.....	Johnson.
Fite, Mildred Evlyn.....	Arts.....	Soph....	Marionville.....	Lawrence
Fite, Pauline E.....	Eng.....	Soph....	Marionville.....	Lawrence.
Fithian, Margaret Elizabeth.....	Arts.....	Jr.....	Poplar Bluff.....	Butler.
Fitzgerald, Richard C.....	Agr.....	N. C.....	Mokane.....	Callaway.
Fitzgerald, Ruth, A. B., B. S. in Ed.....	Grad.....		Sedalia.....	Pettis.
Flanders, Jean Lorraine.....	Arts.....	Sr.....	Excelsior Springs..	Clay.
Flautt, John Solon.....	Arts.....	Jr.....	Aurora.....	Lawrence.
Fleet, Johnnie Frances.....	Educ.....	2nd Yr..	New Franklin.....	Howard.
Fleetwood, Jasper Ross.....	Agr.....	Sr.....	Pattonsburg.....	Daviess.
Fleming, George P.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Flett, Maude.....	Educ.....	Spec....	Lenox.....	Dent.
Flint, Claude B.....	Arts.....	Soph....	Bethany.....	Harrison.
Flint, Fred.....	Arts.....	Soph....	Bethany.....	Harrison.
Flint, Joseph H., B. S. in Agr.....	Agr.....	Spec....	Maysville.....	DeKalb.
Flomerfelt, W. W.....	Agr.....	S. C.....	Laclede.....	Linn.
Flores, Ervin LeRoy.....	Arts.....	Fr.....	Monett.....	Barry.
Floreich, Edward Lyle.....	Eng.....	Spec....	Webster Grove.....	St. Louis.
Flowers, Cleo Jordan.....	Arts.....	Sr.....	Albany.....	Gentry.
Flucke, Ernst Fred W.....	Agr.....	Soph....	Wellington.....	Lafayette.
Fluesmeier, Vera Mildred.....	Arts.....	Soph....	Wright City.....	Warren.
Flynn, Francis Marion.....	Arts.....	Soph....	Columbia.....	Boone.
Fockler, Margaret.....	Arts.....	Soph....	Kansas City.....	Jackson.
Foeller, Melvyn Francis.....	Arts.....	Jr.....	St. Louis.....	
Folles, Harry A.....	Agr.....	N. C.....	Godfrey, Ill.....	
Foley, William Lewis.....	Eng.....	Fr.....	Westplains.....	Howell.
Foltz, Joseph Peter.....	Eng.....	Jr.....	Dearborn.....	Platte.
Forbis, Hinton.....	Educ.....	Spec....	Ashland.....	Boone.
Ford, William, Jr.....	(Arts.....	Sr.....		
	(Med.....	2nd Yr..	Glenwood.....	Schuyler.
Foreman, Heyward Milburn.....	Arts.....	Fr.....	Columbia.....	Boone.
Foreman, Lola B.....	Arts.....	Fr.....	Columbia.....	Boone.
Forsen, James Albert.....	(Arts.....	Sr.....		
	(Med.....	2nd Yr..	Gower.....	Clinton.
Forster, T. Earl.....	Arts.....	Soph....	Enid, Okla.....	
Forsythe, Grant Gardner.....	Arts.....	Soph....	St. Louis.....	
Forté, Isabelle Rosalie.....	Arts.....	Fr.....	Douglas, Wyo.....	
Forti, Francis.....	Jour.....	2nd Yr..	Sangus, Mass.....	
Foster, Bernard Maupin.....	Arts.....	Jr.....	Columbia.....	Boone.
Foster, Francis Gregg.....	Arts.....	Soph....	Kansas City.....	Jackson.
Foster, Harry Lee.....	Educ.....	2nd Yr..	Richmond.....	Ray.
Foster, Jennie Hallie.....	Arts.....	Fr.....	Trenton.....	Grundy.
Foster, John McCullough.....	B. & P. A.	1st Yr..	Kansas City.....	Jackson.
Foster, William Bryam.....	Agr.....	Sr.....	Marshfield.....	Webster.
Foulke, Emerson.....	Law.....	2nd Yr..	Joplin.....	Jasper.
Fouts, Harold Eugene.....	Arts.....	Jr.....	Trenton.....	Grundy.
Fowler, Adda Florence.....	Arts.....	Sr.....	Omaha, Neb.....	
Fowler, Forest LaVerne.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Fowler, Georgia Isabel.....	Arts.....	Soph....	Jefferson City.....	Cole.
Fowler, Lee.....	Eng.....	Soph....	Butler.....	Bates.
Fowler, Ralph Starr.....	Law.....	1st Yr..	Washington, D. C.....	
Fox, Charles B.....	Agr.....	N. C.....	Cedar Gap.....	Wright.
Fox, Charles Gates.....	Agr.....	Fr.....	Columbia.....	Boone.
Fox, Hopewell Daniel, B. S. in Agr.....	Grad.....		Columbia.....	Boone.
Fox, Violette.....	Arts.....	Fr.....	Morehouse.....	New Madrid.
Fraizer, Gladys Ann.....	Arts.....	(Soph.....		
		(Nurse.....	Rushville.....	Buchanan.
Frame, Benjamin H., B. S. in Agr.....	Grad.....		Columbia.....	Boone.
Frame, Mrs. Florence Wyan.....	Arts.....	Soph....	Columbia.....	Boone.
France, Charles E.....	Law.....	2nd Yr..	Okla. City, Okla.....	
France, Georgia.....	Arts.....	Sr.....	Okla. City, Okla.....	
Francis, Charles Kenworthy, Jr.....	Eng.....	Jr.....	Tulsa, Okla.....	
Francis, M. Clifford.....	Eng.....	Fr.....	Kansas City.....	Jackson.
Frank, Archie Henry.....	Agr.....	Fr.....	Bethany.....	Harrison.
Frank, Maurine Louise.....	Arts.....	Fr.....	Kansas City.....	Harrison.
Franken, Clara Theresa.....	Arts.....	Soph....	Norborne.....	Carroll.



Name	Division	Class	Postoffice	County
Franken, Urban.....	Agr.....	Fr.....	Norborne.....	Carroll.
Frankle, Sophie A.....	Med.....	1st Yr.	Youngstown, Ohio.	
Franklin, Elizabeth.....	{Arts.....	Soph.....		
	{Educ.....	1st Yr.	Unionville.....	Putnam.
Franklin, John Nelson.....	Law.....	3rd Yr.	Macon.....	Macon.
Franklin, Loula.....	Jour.....	2nd Yr.	Cameron.....	Clinton.
Fraser, Helen Elizabeth.....	Arts.....	Fr.....	Columbia.....	Boone.
Frauens, Grace Margaret.....	Arts.....	{Jr.....		
		{Nurse.....	Independence.....	Jackson.
Frazer, Nannie Mary.....	Arts.....	Fr.....	Crescent.....	St. Louis.
Frederick, Mrs. Love.....	Educ.....	Spec.....	Paris.....	Monroe.
Fredkin, Henry.....	B. & P. A.	2nd Yr.	Sedalia.....	Pettis.
Freeland, Thomas M.....	Eng.....	N. C.....	Fredericktown.....	Madison.
Freeland, Wayne Gilbert.....	Arts.....	Fr.....	Houston.....	Texas.
Freels, Murrel.....	{Arts.....	Sr.....		
	{Educ.....	2nd Yr.	Annada.....	Pike.
Freeman, Andrew.....	Agr.....	N. C.....	Poplar Bluff.....	Butler.
Freeman, Ermine Irene.....	Arts.....	Fr.....	Callao.....	Macon.
Freeman, Lawrence Arthur.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Freese, Adelaide Frances.....	Arts.....	{Fr.....		
		{Nurse.....	Normandy.....	St. Louis.
Freivogel, Edward Charles.....	Arts.....	Jr.....	Mascoutah, Ill.....	
French, Horton Irving.....	Arts.....	Spec.....	St. James.....	Phelps.
French, James Lawrence.....	Agr.....	Jr.....	Springfield.....	Greene.
French, Melvin Dale.....	Arts.....	Fr.....	Harrisonville.....	Cass.
French, Oliver Burton.....	Agr.....	Soph.....	Charleston.....	Mississippi.
Frerking, George G.....	Agr.....	S. C.....	Concordia.....	Lafayette.
Frey, Edna Miriam.....	Arts.....	Sr.....	Lexington.....	Lafayette.
Frey, Harry C.....	Agr.....	Fr.....	Lexington.....	Lafayette.
Frick, Lois Waitstell.....	Educ.....	2nd Yr.	Higginsville.....	Lafayette.
Friedemann, Theodore Edward, B. S., (Okla. A. & M. College).....	Grad.....		Columbia.....	Boone.
Friedman, Albert H.....	Arts.....	Soph.....	St. Louis.....	
Friedman, Herbert L.....	Arts.....	Soph.....	St. Louis.....	
Friedman, Sam.....	Law.....	Spec.....	Caruthersville.....	Pemiscot.
Friedrich, Margaret.....	{Arts.....	Jr.....		
	{Educ.....	1st Yr.	Lancaster.....	Schuyler.
Fries, John J.....	Arts.....	Spec.....	Mound City.....	Holt.
Frith, Louis Gordon.....	Arts.....	Soph.....	Chillicothe.....	Livingston.
Frith, Robert C.....	Law.....	1st Yr.	Chillicothe.....	Livingston.
Fry, Leonard Cook.....	Med.....	1st Yr.	Columbia.....	Boone.
Fulbright, Jack.....	Arts.....	Sr.....	Fayetteville, Ark.....	
Funk, Delmar.....	Agr.....	Fr.....	Pleasant Hill.....	Cass.
Funk, Ernest Marvin.....	Agr.....	Soph.....	Seymour.....	Webster.
Funk, Martha H.....	Arts.....	Fr.....	Peculiar.....	Cass.
Funston, Mabel Elizabeth.....	Arts.....	Fr.....	Tulsa, Okla.....	
Fuqua, Ellsworth.....	Eng.....	Jr.....	Ladonia.....	Audrain.
Furgason, Marjorie Daw.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Furtney, Lorraine.....	Arts.....	Soph.....	Columbia.....	Boone.
Fyfer, Mrs. J. K.....	Educ.....	1st Yr.	Columbia.....	Boone.
Gabbert, Benton Sandifer.....	Arts.....	Sr.....	St. Joseph.....	Buchanan.
Gabbert, Mildred, A. B.....	Educ.....	2nd Yr.	Dearborn.....	Platte.
Gabriel, Christine Willhelmina.....	Jour.....	2nd Yr.	Columbia.....	Boone.
Gaddum, Leonard William.....	{Arts.....	Sr.....		
	{Eng.....	Sr.....	Columbia.....	Boone.
	Agr.....	Sr.....	Clinton.....	Henry.
Gaines, Charles William.....				
Gair, Sidney Russell, Ph. B. (Brown Univ.).....	Grad.....		Columbia.....	Boone.
Galbreath, Grace.....	Arts.....	Fr.....	Coffey.....	Daviess.
Galbreath, Mary Mildred.....	Arts.....	Soph.....	Coffey.....	Daviess.
Gale, Joseph Wasson, A. B.....	Grad.....		Osborn.....	DeKalb.
Gall, John Herbert Spencer.....	Law.....	2nd Yr.	Turney.....	Clinton.
Galloway, Carlyle.....	Agr.....	S. C.....	Ellsberry.....	Lincoln.
Garber, Ella B., A. B (Bluffton College).....	Med.....	1st Yr.	Versailles.....	Morgan.
Gardner, Frank Wasson.....	Eng.....	Fr.....	Camden, Ark.....	
Gardner, Fred Robert.....	Arts.....	Fr.....	Galveston, Texas.....	
Gardner, Reynold Merritt.....	Law.....	3rd Yr.	Columbia.....	Boone.
Gardner, Virginia Carnall.....	Arts.....	Fr.....	Fort Smith, Ark.....	
Garhart, Max Brummel.....	Agr.....	S. C.....	Salisbury.....	Chariton.
Garner, Margaret Elizabeth.....	Jour.....	1st Yr.	Louisiana.....	Pike.
Garner, Mary Estelle.....	Arts.....	Fr.....	Hannibal.....	Marion.
Garrett, William J.....	Agr.....	N. C.....	Rosebud.....	Gasconade.
Garrison, Jay Scott.....	Eng.....	Fr.....	Marionville.....	Lawrence.
Garrison, Paul.....	Arts.....	Fr.....	St. Louis.....	
Garrison, Rebecca.....	Educ.....	Spec.....	Reeds.....	Jasper.
Garth, Ernest Davidson.....	Jour.....	2nd Yr.	Kansas City.....	Jackson.
Gartner, Carl David.....	Arts.....	Fr.....	Hannibal.....	Marion.
Garton, Albert Harold.....	Agr.....	Fr.....	Bethany.....	Harrison.
Gass, Florian Preston.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Gates, Lester Milton.....	Arts.....	Fr.....	Jerico Springs.....	Cedar.
Gatley, Ben Loren.....	Arts.....	Sr.....	Kansas City.....	Jackson.

Name	Division	Class	Postoffice	County
Gatley, Leslie Warren	(Arts..... Med.....)	Sr..... 2nd Yr.	Martin City.....	Jackson.
Gauldin, Harold Winfield	Arts.....	Jr.....	Slater.....	Saline.
Gault, Barbara	Arts.....	Fr.....	Topeka, Kan.....	
Gay, Elmer Elwyn	Arts.....	Soph.....	Richmond.....	Ray.
Gay, George William	Arts.....	Soph.....	Ironton.....	Iron.
Gay, Sam T.	Arts.....	Soph.....	Ironton.....	Iron.
Gaylord, Clair Edwin	Arts.....	Spec.....	St. Louis.....	
Geary, Riley White, B. S. (Baker Univ.)	Grad.....		Henderson, Ark.....	
Geery, Cleo Lee	Eng.....	Soph.....	Columbia.....	Boone.
Geery, Clifford R.	Eng.....	Fr.....	Columbia.....	Boone.
Geeson, Arthur Bertram	Jour.....	Spec.....	St. Louis.....	
Geisendorfer, Emma Grace	Arts.....	Fr.....	Lewistown.....	Lewis.
Geisendorfer, I. Ray	Agr.....	S. C.....	Norborne.....	Carroll.
Genser, Charles Frank	Agr.....	N. C.....	Gilliam.....	Saline.
Gentry, Carl Clough	Arts.....	Jr.....	Trenton.....	Grundy.
Gentry, Carl Rees	Educ.....	2nd Yr.	New Florence.....	Montgomery.
Gentry, Paul E.	Eng.....	Jr.....	Webb City.....	Jasper.
Gentry, William Richard, Jr.	Law.....	2nd Yr.	St. Louis.....	
Genuit, Stark O.	Arts.....	Soph.....	Kansas City.....	Jackson.
George, Allan Kibbey	Agr.....	Jr.....	Belton.....	Cass.
George, Carolyn A.	Arts.....	Spec.....	Columbia.....	Boone.
George, Mrs. James H.	Arts.....	Fr.....	Columbia.....	Boone.
George, John Walworth	Arts.....	Jr.....	Ferguson.....	St. Louis.
George, Melbourne E. W.	Med.....	1st Yr.	Nevada.....	Vernon.
Gerard, A. T.	Agr.....	S. C.....	Versailles.....	Morgan.
Gerard, Ray Robert	Arts.....	Soph.....	Kansas City.....	Jackson.
Ghous, Shah Gulam	Eng.....	Spec.....	Hyderabad, India..	
Gibbs, Jacob Barnard	Agr.....	Jr.....	Columbia.....	Boone.
Gibbs, James Thomas, Jr.	Agr.....	Sr.....	Columbia.....	Boone.
Gibbs, Lola B.	Educ.....	Spec.....	Fayette.....	Howard
Gibbs, Walter Chesterfield	Grad.....		Columbia.....	Boone.
Gibson, Albert N.	Arts.....	Spec.....	Hamilton.....	Caldwell.
Gibson, Mrs. Anna	Educ.....	Spec.....	Elvins.....	St. Francois.
Gibson, Frances	Arts.....	Soph.....	Elsberry.....	Lincoln.
Gibson, C. Merton	Agr.....	Fr.....	St. Louis.....	
Gibson, Hazel Nancy	Educ.....	2nd Yr.	Elsberry.....	Lincoln.
Gibson, James Barber, Jr.	Arts.....	Fr.....	Webb City.....	Jasper.
Gibson, John Guy	Agr.....	Sr.....	Albany.....	Gentry.
Gibson, Marie	Educ.....	Fr.....	Independence.....	Jackson.
Gibson, Myrl Mills	Educ.....	2nd Yr.	Grant City.....	Worth.
Gibson, Walter Everette	Agr.....	Sr.....	DeSoto.....	Jefferson.
Giddings, Sidney Lamson	Agr.....	Soph.....	Hamilton.....	Caldwell.
Giessing, Theodore John Vol- lath	Eng.....	Fr.....	Farmington.....	St. Francois.
Giffen, Ruth Lola	(Arts..... Educ.....)	Sr..... 1st Yr.	Sedalia.....	Pettis.
Gilbert, Ada Kathryn	Arts.....	Fr.....	Columbia.....	Boone.
Gilbert, Edwin O.	Arts.....	Fr.....	St. Louis.....	
Gilbert, Judith Ann	Jour.....	2nd Yr.	Nevada.....	Vernon.
Gilbert, Thelma Alice	Arts.....	Soph.....	Cleveland, Okla..	
Giles, Effie	Arts.....	Soph.....	Columbia.....	Boone.
Giles, Robert Edwin	Eng.....	Sr.....	Albany.....	Gentry.
Gilges, James W.	Arts.....	Soph.....	Kansas City.....	Jackson.
Gill, Eunice Annie	Educ.....	2nd Yr.	Patterson.....	Wayne.
Gill, Moss, B. S. in Agr.	Jour.....	Spec.....	Perry.....	Ralls.
Gill, Newell R.	Arts.....	Fr.....	Blythedale.....	Harrison.
Gillam, Clarence Emmitt	Eng.....	Fr.....	Centralia.....	Boone.
Gillaspie, Roscoe	Arts.....	Fr.....	Columbia.....	Boone.
Gillaspy, Evangeline Virginia	Educ.....	1st Yr.	Columbia.....	Boone.
Gillaspy, Orion McKay	Eng.....	Jr.....	Columbia.....	Boone.
Gillerstron, Edwin Carl	Agr.....	N. C.....	St. Louis.....	
Gillespie, Rowena B.	Arts.....	Fr.....	St. Louis.....	
Gilliam, Lev-Ellen Clark, B. S. in Ed.	Grad.....		Columbia.....	Boone.
Gillman, Wesley Fay	Arts.....	Fr.....	Wheaton.....	Barry.
Gilmer, Louise	Arts.....	Jr.....	Liberty.....	Clay.
Gilmore, James Milton	Agr.....	N. C.....	Clinton.....	Henry.
Gilmore, John	Arts.....	Sr.....	Kansas City.....	Jackson.
Gilmore, Stanley	Eng.....	Sr.....	Columbia.....	Boone.
Ginsberg, Anna M.	Jour.....	2nd Yr.	Kansas City.....	Jackson.
Ginsberg, Fannie Mae	Arts.....	Fr.....	Columbia.....	Boone.
Ginsberg, Robert	Arts.....	Fr.....	Columbia.....	Boone.
Girard, Robert Kenneth	Jour.....	1st Yr.	Columbia.....	Boone.
Glascocok, Edgar Hulen	Arts.....	Fr.....	Columbia.....	Boone.
Glatté, Hayden Avery	Eng.....	Fr.....	St. Louis.....	
Glaze, Truman Dean, A. B. B. S. in Ed.	Grad.....		Columbia.....	Boone.
Glazebrook, John Stanford	Eng.....	Soph.....	Sedalia.....	Pettis.
Glazer, Fannie G.	Arts.....	Spec.....	Kansas City.....	Jackson.
Glazier, Annie Laura	Educ.....	1st Yr.	Boonville.....	Cooper.
Glenn, Eleanor	Arts.....	Soph.....	Kansas City.....	Jackson.
Glick, Arthur Albert	Arts.....	Soph.....	Junction City, Kan.	
Glinn, Archie Lee	Agr.....	N. C.....	West Plains.....	Howell.

Name	Division	Class	Postoffice	County
Glover, Arthur Bruce.....	Eng.....	Fr.....	Bogard.....	Carroll.
Gluckman, Joseph A.....	Arts.....	Soph.....	St. Joseph.....	Buchanan.
Glutsch, Charles Franklin.....	Arts.....	Soph.....	New York City.....	
Glutz, Mildred.....	Jour.....	1st Yr.....	Anglum.....	St. Louis.
Goddard, Nellie A.....	Arts.....	Fr.....	Larned, Kan.....	
Goddin, Fergene.....	Arts.....	Fr.....	Naylor.....	Ripley.
Godwin, Grover.....	Eng.....	Sr.....	St. Louis.....	
Goessling, Vera E.....	(Arts.....	Sr.....		
	Educ.....	2nd Yr.....	St. Louis.....	
Goetz, Gordon G.....	Eng.....	Fr.....	Fairmont, Minn.....	
Goetz, Roland O.....	Eng.....	Fr.....	Fairmont, Minn.....	
Goff, William James.....	Arts.....	Fr.....	Flat River.....	St. Francois.
Goforth, Clifford.....	Arts.....	Fr.....	Dexter.....	Stoddard.
Gold, Helen.....	Educ.....	1st Yr.....	Sedalia.....	Pettis.
Goldberg, David.....	Eng.....	Sr.....	St. Louis.....	
Goldberg, Sarah.....	Arts.....	Jr.....	Brooklyn, N. Y.....	
Goldman, George Jay.....	Arts.....	Soph.....	St. Louis.....	
Goldsberry, Lucille Leoma, B. S. in Ed.....	Arts.....	Sr.....	Columbia.....	Boone.
Goldsberry, Neoma Lillian, B. S. in Ed.....	Grad.....		Columbia.....	Boone.
Goldstein, Perry.....	Arts.....	Fr.....	Columbia.....	Boone.
Goldstein, Robert P.....	Arts.....	Fr.....	San Francisco, Cal.....	
Golladay, Herbert David.....	Arts.....	Jr.....	Holden.....	Johnson.
Goodin, Charles Albert.....	Agr.....	Soph.....	Charleston.....	Mississippi.
Goodin, James Wylie.....	Arts.....	Sr.....	Caruthersville.....	Pemiscot.
Goodrun, Irene.....	Arts.....	Soph.....	Lamar.....	Barton.
Gookins, Edward.....	Eng.....	Sr.....	Kansas City.....	Jackson.
Gordon, Edith Gander.....	Arts.....	Fr.....	Ironton.....	Iron.
Gordon, George Willis.....	Arts.....	Fr.....	Columbia.....	Boone.
Gose, Paul Edgar.....	Agr.....	Spec.....	Chicago, Ill.....	
Goucher, Lillian Secord.....	Agr.....	Sr.....	Hot Springs, Ark.....	
Gove, James Rhey.....	Jour.....	1st Yr.....	St. Louis.....	Osage.
Gove, Speed Mosby.....	Arts.....	Fr.....	Linn.....	Ripley.
Grace, George Wilson.....	Agr.....	Spec.....	Gatewood.....	Saline.
Grady, Charles Douglas.....	Eng.....	Sr.....	Miami.....	St. Louis.
Graf, Otis Harman.....	Arts.....	Soph.....	Ferguson.....	Madison.
Graham, Earl Bryan.....	Agr.....	Sr.....	Fredericktown.....	Buchanan.
Graham, Ewing White.....	Arts.....	Fr.....	St. Joseph.....	Johnson.
Graham, Guy R.....	Agr.....	Fr.....	Magnolia.....	Barton.
Graham, Robert M.....	Eng.....	Fr.....	Lamar.....	Madison.
Graham, Ruth Estelle.....	Educ.....	2nd Yr.....	Fredericktown.....	Boone.
Graham, Ruth Marie.....	Educ.....	2nd Yr.....	Columbia.....	Daviess.
Graham, Sam P.....	Eng.....	Fr.....	Gallatin.....	Callaway.
Granstaff, Lawrence E.....	Arts.....	Fr.....	Holt Summit.....	
Grant, Ermita.....	Arts.....	Jr.....	Oklahoma City, Okla.....	
Grant, George William.....	Arts.....	Fr.....	Oklahoma City, Okla.....	
Grant, Marcus Luther.....	Arts.....	Fr.....	Puxico.....	Stoddard.
Grant, Paul Wilbur.....	Agr.....	Fr.....	Ridgeway.....	Harrison.
Gratton, Patrick Henry.....	Eng.....	Fr.....	Kansas City.....	Jackson.
Graves, Mrs. Beulah Pool.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Graves, Helen Ida.....	Arts.....	Soph.....	Independence.....	Jackson.
Graves, Robert Clarence, Jr.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Graves, Virginia.....	Arts.....	Fr.....	Columbia.....	Boone.
Gray, Carolyn Susan.....	Arts.....	Soph.....	Palmyra.....	Marion.
Gray, Exie Mitchell.....	Jour.....	1st Yr.....	Columbia.....	Boone.
Gray, Gordon Richardson.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Gray, Shapleigh G.....	Arts.....	Fr.....	Charleston.....	Mississippi.
Gray, Wallace Gale.....	Agr.....	Jr.....	Palmyra.....	Marion.
Gray, William Head.....	Agr.....	Soph.....	Palmyra.....	Marion.
Greathouse, Clyde Lee.....	Arts.....	Soph.....	Clarksburg.....	Harrison.
Greaves, George S.....	Agr.....	S. C.....	Plattsburg.....	Clinton.
Green, Charles L.....	Agr.....	S. C.....	Odessa.....	Lafayette.
Green, Dellnenia Mae.....	Arts.....	Soph.....	Bethany.....	Harrison.
Green, Frederick A.....	Eng.....	Fr.....	Breckenridge.....	Caldwell.
Green, George Noel.....	Arts.....	Jr.....	Columbia.....	Boone.
Green, Howard B.....	Arts.....	Fr.....	Brookfield.....	Linn.
Green, Howard J.....	B. & P. A.....	2nd Yr.....	Omaha, Neb.....	
Green, John Dee.....	B. & P. A.....	1st Yr.....	Sedalia.....	Pettis.
Green, Margaret Catherine.....	Educ.....	2nd Yr.....	Kansas City.....	Jackson.
Green, Mary Monima.....	Jour.....	1st Yr.....	Columbia.....	Boone.
Green, Stevia Cardwell.....	Arts.....	Fr.....	Osceola.....	St. Clair.
Green, Watson.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Green, William Frank.....	Agr.....	N. C.....	Fredericktown.....	Madison.
Greene, Mrs. Adelaide G.....	Arts.....	Spec.....	Joplin.....	Jasper.
Greene, Charles Bryan.....	Jour.....	Spec.....	Columbia.....	Boone.
Greene, Harold Hartley.....	Arts.....	Fr.....	Columbia.....	Boone.
Greene, Samantha A.....	Arts.....	Fr.....	Cedar.....	Callaway.
Greenlee, Max Russell.....	Arts.....	Jr.....	Lineville, Ia.....	
Greenley, John.....	B. & P. A.....	1st Yr.....	Novelty.....	Knox.
Greer, Amanda May.....	Arts.....	Fr.....	Lexington.....	Lafayette.
Greer, Marguerite Elizabeth.....	Educ.....	2nd Yr.....	Mexico.....	Audrain.
Greer, Lebert.....	Agr.....	N. C.....	Poplar Bluff.....	Butler.



Name	Division	Class	Postoffice	County
Greeson, J. Court.....	Arts.....	Soph.....	Graham.....	Nodaway.
Gregg, Verane L.....	Agr.....	S. C.....	Walnut Grove.....	Greene.
Gregory, Irwin Siles.....	Arts.....	Sr.....	St. Louis.....	
Gregory, Kenneth B.....	Arts.....	Fr.....	St. Louis.....	
Gregory, Lon Stephens.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Grempe, Raymond Dewey.....	B. & P. A.....	2nd Yr.....	Dixon.....	Pulaski.
Gresham, Minnie Louisa.....	Grad.....		Windsor.....	Henry.
Gretzer, David.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Grier, Theodore Edward.....	Agr.....	S. C.....	Easton.....	Buchanan.
Griffin, Clarence C.....	Agr.....	N. C.....		
Griffin, Mrs. Grace Helen, Ph. B. (Syracuse Univ.).....	Grad.....		Fulton.....	Callaway.
Griffin, Harold Donald.....	Arts.....	Spec.....	Fulton.....	Callaway.
Griffin, William M.....	Arts.....	Soph.....	Chickasha, Okla.....	
Griffs, F. Guion.....	Jour.....	1st Yr.....	Greenville, Texas.....	
Griffith, Esther M., A. B.....	Grad.....		Columbia.....	Boone.
Griffith, Harry Milton.....	Arts.....	Soph.....	Gallatin.....	Daviess.
Griffith, Luther R.....	Eng.....	Fr.....	Monroe.....	Marion.
Griffith, Rachel Cleo.....	Arts.....	Soph.....	Columbia.....	Boone.
Griffiths, Harry Chapman.....	Arts.....	Fr.....	Huntsville.....	Randolph.
Griffiths, Robert Arthur.....	Agr.....	S. C.....	Dawn.....	Livingston.
Grimes, Annice.....	Arts.....	Fr.....	Perry.....	Ralls.
Grimes, George.....	Arts.....	Fr.....	Denver, Colo.....	
Grimes, Leslie K.....	Arts.....	Sr.....	Peirce City.....	Lawrence.
Grimes, Mrs. Leslie K.....	Arts.....	Soph.....	Monett.....	Barry.
Grimes, Wayne C.....	B. & P. A.....	1st Yr.....	Kansas City.....	Jackson.
Grinstead, Elizabeth Priest.....	Arts.....	Soph.....	Columbia.....	Boone.
Grinstead, Frances.....	Jour.....	2nd Yr.....	Columbia.....	Boone.
Groce, Arthur Winters.....	B. & P. A.....	Spec.....	Wentzville.....	St. Charles.
Groce, David Ulmo.....	Educ.....	1st Yr.....	Glasgow.....	Howard.
Groom, Homer P.....	Eng.....	N. C.....		
Gross, Carl Ryan, B. S. in Agr.....	Agr.....	Spec.....	Cameron.....	Clinton.
Gross, Champ Clark.....	Agr.....	Fr.....	Kansas City.....	Jackson.
Gross, Grace Lucile.....	Jour.....	2nd Yr.....	Cameron.....	Clinton.
Gross, Harold Royce.....	Jour.....	Spec.....	Arispe, Ia.....	
Grove, Omer Clayton.....	Agr.....	N. C.....	Kidder.....	Caldwell.
Grove, Russell Sinclair.....	Eng.....	Soph.....	Jefferson City.....	Cole.
Groves, Frances.....	Arts.....	Sr.....	Corder.....	Lafayette.
Groves, J. Garner.....	Law.....	3rd Yr.....	Dover.....	Lafayette.
Groves, John G., II.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Groves, Wm. M., Jr.....	Eng.....	Jr.....	Corder.....	Lafayette.
Grower, Julius H.....	Arts.....	Jr.....	South Glastonbury, Conn.....	
Grubb, William Earl.....	Eng.....	Sr.....	Columbia.....	Boone.
Grubbs, Archie O.....	Arts.....	Spec.....	Orange, Texas.....	
Grubbs, Chester Thildmond.....	Law.....	1st Yr.....	Orange, Texas.....	
Grube, Bessie Catherine, A. B. (Mo. Valley College).....	Grad.....		Marshall.....	Saline.
Grumley, Catherine.....	Jour.....	1st Yr.....	Maplewood.....	St. Louis.
Guerrant, Charles L.....	Agr.....	S. C.....		
Guinn, Alex Floyd.....	B. & P. A.....	2nd Yr.....	Gower.....	Clinton.
Guitar, Mary Turner.....	Arts.....	Fr.....	Columbia.....	Boone.
Guitar, Sarah.....	Arts.....	Fr.....	Columbia.....	Boone.
Gumbiner, Maurice.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
Gumm, Ernest.....	Eng.....	Fr.....	Clinton.....	Henry.
Gurley, Albert Landrith.....	Eng.....	Soph.....	Mount Vernon.....	Lawrence.
Gurley, Fred.....	B. & P. A.....	1st Yr.....	Columbia.....	Boone.
Gurley, Marie.....	Arts.....	Jr.....	Columbia.....	Boone.
Guthery, N. Morris.....	Arts.....	Fr.....	Searcy, Ark.....	
Guthridge, Shirley.....	Arts.....	Jr.....	Clinton.....	Henry.
Guthrie, Frances Virginia, A. B., B. S. in Ed., A. M.....	Grad.....		Columbia.....	Boone.
Gutting, Joseph Lester.....	Arts.....	Jr.....	Kahoka.....	Clark.
Guyette, Marcia.....	Jour.....	1st Yr.....	St. Louis.....	
Gwinn, Abner.....	Eng.....	Jr.....	Jefferson City.....	Cole.
Gwinn, Daynise.....	Arts.....	Fr.....	Columbia.....	Boone.
Gwinn, Merritt Sam.....	Eng.....	Sr.....	Jefferson City.....	Cole.
Gwyn, Hugh Joe.....	Educ.....	Spec.....	Paris.....	Monroe.
Gwynn, Eva I.....	Arts.....	Fr.....	Shenandoah, Ia.....	
Hackney, Jane Helen.....	Arts.....	Sr.....	Carthage.....	Jasper.
Hadwiger, Robert Lee.....	Law.....	1st Yr.....	Alva, Okla.....	
Haeblerle, Willie.....	Agr.....	N. C.....	St. Joseph.....	Buchanan.
Haefner, Arthur William.....	Agr.....	N. C.....	St. Louis.....	
Haferkamp, Regina.....	Agr.....	Fr.....	Augusta.....	St. Charles.
Hafner, Mary C.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Hagaman, Ruth.....	Arts.....	Sr.....	Ranger, Texas.....	
Hagemann, Edwin Kennette.....	B. & P. A.....	1st Yr.....	St. Louis.....	
Haggard, Cinnie.....	Educ.....	Spec.....	Columbia.....	Boone.
Hague, James Theodore.....	Jour.....	Spec.....	Council Bluff, Ia.....	
Haid, Lloyd.....	Arts.....	Soph.....	Berger.....	Franklin.
Hailey, Foster Bowman.....	Arts.....	Soph.....	Columbia.....	Boone.
Hailey, Howard William.....	Jour.....	1st Yr.....	Columbia.....	Boone.
Hale, Arthur R.....	Agr.....	N. C.....	St. Louis.....	

Name	Division	Class	Postoffice	County
Hale, Bertha Mae E. . . . .	Arts. . . . .	Fr. . . . .	Poplar Bluff. . . . .	Butler.
Hale, Harriet Virginia. . . . .	Arts. . . . .	Fr. . . . .	Columbia. . . . .	Boone.
Hale, Lou Anna. . . . .	Educ. . . . .	2nd Yr. . . . .	Dearborn. . . . .	Platte.
Hale, Richard E. . . . .	Agr. . . . .	N. C. . . . .	Wilson Creek. . . . .	Greene.
Haley, Edna Jane. . . . .	Arts. . . . .	Soph. . . . .	Louisiana. . . . .	Pike.
Haley, Frances Russell. . . . .	Arts. . . . .	Soph. . . . .	Louisiana. . . . .	Pike.
Hall, Alice Ethel. . . . .	Arts. . . . .	Soph. . . . .	Louisiana. . . . .	Pike.
Hall, Arthur Ray, B. S. in Agr. . . . .	Grad. . . . .	. . . . .	Louisiana. . . . .	Pike.
Hall, Blanche. . . . .	Arts. . . . .	Fr. . . . .	Louisiana. . . . .	Pike.
Hall, Corneil. . . . .	Arts. . . . .	Spec. . . . .	Paris. . . . .	Monroe.
Hall, Elmer Eugene. . . . .	Law. . . . .	2nd Yr. . . . .	Weston. . . . .	Platte.
Hall, Eugene. . . . .	Agr. . . . .	Soph. . . . .	Hannibal. . . . .	Marion.
Hall, Howard Richard. . . . .	Arts. . . . .	Fr. . . . .	Billings. . . . .	Christian.
Hall, James Glenn. . . . .	B. & P. A. . . . .	1st Yr. . . . .	Weston. . . . .	Platte.
Hall, James Pendleton, Jr. . . . .	Eng. . . . .	Soph. . . . .	Lexington. . . . .	Lafayette.
Hall, Jane. . . . .	Arts. . . . .	Fr. . . . .	LaPlata. . . . .	Macon.
Hall, Malcolm Ewing. . . . .	Eng. . . . .	Fr. . . . .	Okmulgee, Okla. . . . .	
Hall, Mary Elizabeth. . . . .	Arts. . . . .	Soph. . . . .	Tarkio. . . . .	Atchison.
Hall, Octavia Stanley. . . . .	Arts. . . . .	Spec. . . . .	Columbia. . . . .	Boone.
Hall, Roy Holmes, B. S. in Agr. . . . .	Grad. . . . .	. . . . .	Columbia. . . . .	Boone.
Hall, Willard J. . . . .	Agr. . . . .	S. C. . . . .	Goodman. . . . .	McDonald.
Hall, Wilma Francis. . . . .	Arts. . . . .	Soph. . . . .	Lancaster. . . . .	Schuyler.
Hallett, Webster W. . . . .	Arts. . . . .	Soph. . . . .	Nevada. . . . .	Vernon.
Halley, Alfred. . . . .	Agr. . . . .	S. C. . . . .	Centerview. . . . .	Johnson.
Halley, Homer Henry. . . . .	Agr. . . . .	N. C. . . . .	Union. . . . .	Franklin.
Halley, Thomas Peyton. . . . .	Eng. . . . .	Sr. . . . .	Auxvasse. . . . .	Callaway.
Halligan, Alfreda. . . . .	Jour. . . . .	2nd Yr. . . . .	St. Louis. . . . .	
Hamby, Edith Lake. . . . .	(Arts. . . . .)	Jr. . . . .		
Hamill, Mary Eleanor. . . . .	(Law. . . . .)	1st Yr. . . . .	Columbia. . . . .	Boone.
Hamilton, Brutus Kerr. . . . .	Jour. . . . .	2nd Yr. . . . .	Shackelford. . . . .	Saline.
Hamilton, Henry William. . . . .	Arts. . . . .	Sr. . . . .	Harrisonville. . . . .	Cass.
Hamilton, Jean Louise. . . . .	Agr. . . . .	Sr. . . . .	Auxvasse. . . . .	Callaway.
Hamilton, Kimball Harrivan. . . . .	Arts. . . . .	Soph. . . . .	Kirkwood. . . . .	St. Louis.
Hamilton, Laura Genevra. . . . .	Arts. . . . .	Fr. . . . .	Excelsior Springs. . . . .	Clay.
Hamilton, Minnie Frances. . . . .	Arts. . . . .	Soph. . . . .	Miami, Okla. . . . .	
Hammack, Sarah Edith. . . . .	Arts. . . . .	Soph. . . . .	Miami, Okla. . . . .	
Hammack, Stella. . . . .	Arts. . . . .	Soph. . . . .	Flat River. . . . .	St. Francois.
Hammatt, Abram Crosby. . . . .	Arts. . . . .	Fr. . . . .	Flat River. . . . .	St. Francois.
Hammett, Evan Haines. . . . .	Eng. . . . .	Fr. . . . .	Topeka, Kan. . . . .	
Hammett, Geraldine. . . . .	Arts. . . . .	Jr. . . . .	Salisbury. . . . .	Chariton.
Hammett, Harper Elizabeth. . . . .	Arts. . . . .	Fr. . . . .	Huntsville. . . . .	Randolph.
Hammond, Harry Emmons, A. B. (Univ. of Mich.) . . . . .	Educ. . . . .	1st Yr. . . . .	Huntsville. . . . .	Randolph.
Hammond, Thomas Benedict, B. J. . . . .	Grad. . . . .	. . . . .	Columbia. . . . .	Boone.
Hanan, Bernice R. . . . .	Grad. . . . .	. . . . .	Shelbyville. . . . .	Shelby.
Hanan, Ernest Byron. . . . .	Educ. . . . .	Spec. . . . .	Columbia. . . . .	Boone.
	(Arts. . . . .)	Jr. . . . .		
	(Med. . . . .)	1st Yr. . . . .	Columbia. . . . .	Boone.
Hancock, Francis Waller, B. S. in Agr. . . . .	Grad. . . . .	. . . . .	Kansas City. . . . .	Jackson.
Hancock, William Ramson. . . . .	Arts. . . . .	Fr. . . . .	Hobart, Okla. . . . .	
Handelman, Jack. . . . .	Arts. . . . .	Fr. . . . .	St. Louis. . . . .	
Handley, Elizabeth. . . . .	Arts. . . . .	Soph. . . . .	Kansas City. . . . .	Jackson.
Handley, Patrick John. . . . .	Eng. . . . .	Fr. . . . .	Sedalia. . . . .	Pettis.
Hands, Floris Martin. . . . .	Agr. . . . .	Sr. . . . .	Kansas City. . . . .	Jackson.
Hagen, Karl F. . . . .	Agr. . . . .	Fr. . . . .	Fort Dodge, Ia. . . . .	
Hanger, Oliver Cornelius. . . . .	Arts. . . . .	Soph. . . . .	Kansas City. . . . .	Jackson.
Hank, Herbert Howard. . . . .	Eng. . . . .	Soph. . . . .	Holden. . . . .	Johnson.
Hanks, Minnie. . . . .	Arts. . . . .	Fr. . . . .	Plattsburg. . . . .	Clinton.
Hanly, Donovan Creighton. . . . .	Arts. . . . .	Sr. . . . .	Shelbina. . . . .	Shelby.
Hanna, Frederick S., Jr. . . . .	Arts. . . . .	Fr. . . . .	Columbia. . . . .	Boone.
Hanna, Mary Catherine. . . . .	Educ. . . . .	2nd Yr. . . . .	Columbia. . . . .	Boone.
Hannah, Henry Kennedy, Jr. . . . .	Agr. . . . .	Soph. . . . .	Odessa. . . . .	Lafayette.
Hannegan, John M. . . . .	Eng. . . . .	Fr. . . . .	St. Louis. . . . .	
Hansen, Marjorie Amelia. . . . .	Educ. . . . .	2nd Yr. . . . .	St. Joseph. . . . .	Buchanan.
Hanser, Harold A. . . . .	Agr. . . . .	Soph. . . . .	St. Louis. . . . .	
Harbaugh, Marjorie S. . . . .	Arts. . . . .	Soph. . . . .	Kansas City. . . . .	Jackson.
Harbert, Russell F. . . . .	Agr. . . . .	Spec. . . . .	Wakenda. . . . .	Carroll.
Harbison, Greta L. . . . .	Arts. . . . .	Fr. . . . .	Plattsburg. . . . .	Clinton.
Hardaway, Harold Luther. . . . .	Eng. . . . .	Sr. . . . .	Columbia. . . . .	Boone.
Hardaway, Loyd Max. . . . .	Eng. . . . .	Fr. . . . .	Carthage. . . . .	Jasper.
Hardesty, Kathleen. . . . .	Arts. . . . .	Soph. . . . .	Weston. . . . .	Platte.
Hardin, Kennard Freeman. . . . .	Eng. . . . .	Fr. . . . .	Columbia. . . . .	Boone.
Hardin, Verne A. . . . .	Arts. . . . .	Jr. . . . .	Maitland. . . . .	Holt.
Harding, Mrs. Lenora Pettin-gill. . . . .	Agr. . . . .	Fr. . . . .	Memphis. . . . .	Scotland.
Harding, Marvin Youree. . . . .	Arts. . . . .	Soph. . . . .	Columbia. . . . .	Boone.
Hardy, James Wheeler. . . . .	Eng. . . . .	Jr. . . . .	Columbia. . . . .	Boone.
Hardy, John Walter. . . . .	Arts. . . . .	Fr. . . . .	Sumner. . . . .	Chariton.
Hardy, Margaret. . . . .	Arts. . . . .	Soph. . . . .	DeSoto. . . . .	Jefferson.
Harford, Henry M. . . . .	Arts. . . . .	Sr. . . . .	Kansas City. . . . .	Jackson.
Hargis, Alvin. . . . .	Agr. . . . .	N. C. . . . .	Rolla. . . . .	P Phelps.

Name	Division	Class	Postoffice	County
Hargis, Vivienne.....	Jour.....	1st Yr..	Pawhuska, Okla. . .	
Hargrove, Byna.....	{Arts.....	Sr.....		
	{Educ.....	2nd Yr.	Mount Vernon.....	Lawrence.
Hargus, Charles.....	Agr.....	Spec...	Seymour.....	Webster.
Hargus, Mrs. Taney Hankins..	Arts.....	Soph...	Forsyth.....	Taney.
Harkey, Donald Edward.....	Arts.....	Fr.....	Russellville, Ark..	
Harkin, Veronica Leontine...	Arts.....	Jr.....	Paola, Kan.....	
Harkins, John Sterling.....	Eng.....	Soph...	St. Louis.....	
Harkins, Wallace D.....	Jour.....	Spec...	St. Louis.....	
Harkness, Etta W.....	Arts.....	Fr.....	St. Louis.....	
Harlan, Dolly Lee.....	Med.....	1st Yr..	College Mound.....	Macon.
Harmon, Harvey D.....	Agr.....	Sr.....	Columbia.....	Boone.
Harmon, Kenyon Grant.....	{Educ.....	1st Yr..		
	{Agr.....	Sr.....	Columbia.....	Boone.
Harms, Harry William.....	Eng.....	Jr.....	Joplin.....	Jasper.
Harned, Leo Job.....	{Arts.....	Sr.....		
	{Law.....	1st Yr..	Beaman.....	Pettis.
Harner, Irma Cornelia.....	Arts.....	Fr.....	Columbia.....	Boone.
Harney, William Taylor.....	Jour.....	2nd Yr.	Kansas City.....	Jackson.
Harper, Carrie M.....	Arts.....	Soph...	Amoret.....	Bates.
Harper, Elsie.....	Arts.....	Soph...	Columbia.....	Boone.
Harper, Geraldine May.....	Arts.....	Soph...	Shreveport, La.....	
Harper, James Durfee.....	Arts.....	Soph...	St. Louis.....	
Harper, James Monroe.....	Agr.....	N. C.....	Crossett, Ark.....	
Harper, Joel W. C.....	B. & P. A.	2nd Yr.	Columbia.....	Boone.
Harper, Katherine Vermillion.	Arts.....	Fr.....	Huntsdale.....	Boone.
Harper, R. G., Jr.....	Arts.....	Fr.....	Columbia.....	Boone.
Harpster, Percy R.....	Agr.....	N. C.....	Tyro, Kan.....	
Harrah, George H.....	Arts.....	Spec...	Golden City.....	Barton.
Harrah, Gerald Maxey.....	Arts.....	Soph...	Golden City.....	Barton.
Harrington, Louise.....	Educ.....	2nd Yr.	Lathrop.....	Clinton.
Harris, Berney, Jr.....	Eng.....	Sr.....	St. Louis.....	
Harris, Beulah Leah.....	B. & P. A.	Spec...	Smithton.....	Pettis.
Harris, Dorothy.....	Arts.....	Fr.....	Fort Smith, Ark..	
Harris, Emily G.....	Arts.....	Fr.....	Rolla.....	Phelps.
Harris, Grey Lynes.....	Jour.....	1st Yr..	Dearborn.....	Platte.
Harris, Helen.....	Arts.....	Spec...	Cross Timbers.....	Hickory.
Harris, Jessie Ada.....	{Arts.....	Sr.....		
	{Educ.....	2nd Yr.	Nevada.....	Vernon.
Harris, Lois Mae.....	{Educ.....	1st Yr..		
	{Jour.....	1st Yr..	Houstonia.....	Pettis.
Harris, Margaret Brown.....	Educ.....	2nd Yr.	Sikeston.....	Scott.
Harris, Mary Eloise.....	{Arts.....	Sr.....		
	{Educ.....	1st Yr..	Carrollton.....	Carroll.
Harris, Opal.....	Educ.....	2nd Yr.	Fulton.....	Callaway.
Harris, Paul J.....	Arts.....	Jr.....	Brookfield.....	Linn.
Harris, Samuel Marion.....	Jour.....	Spec...	Clear Lake, Ia.....	
Harrison, Albert Grant, A. B., B. S. in Ed.....	Grad.....		Plainview, Texas...	
Harrison, Ella.....	Jour.....	Spec...	Carthage.....	Jasper.
Harrison, Forrest Aubrey...	{Med.....	2nd Yr.		
	{Grad.....		Garland.....	Henry.
Harrison, Jack D.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Harrison, John Barron.....	Eng.....	Soph...	Columbia.....	Boone.
Harrison, Lillie.....	{Arts.....	Sr.....		
	{Educ.....	1st Yr..	Steelville.....	Crawford.
Harrison, Mrs. M. A.....	Arts.....	Spec...	Columbia.....	Boone.
Harrison, Mary Rose.....	Arts.....	Spec...	Columbia.....	Boone.
Harrison, Ruth.....	Arts.....	Spec...	Columbia.....	Boone.
Harry, Jessie.....	Arts.....	Fr.....	Golden City.....	Barton.
Hart, Edward Studley, Jr....	B. & P. A.	1st Yr..	Webster Groves...	St. Louis.
Hartman, Emil E.....	Med.....	1st Yr..	Carrollton.....	Carroll.
Hartman, Herbert Calvin.....	Agr.....	N. C.....	Dunnegan.....	Polk.
Hartman, Robert.....	Agr.....	S. C.....	Houstonia.....	Pettis.
Hartman, Thelma M.....	Arts.....	Soph...	St. Louis.....	
Hartwig, Carolyn E. E., B. S. Harty, John Henry, B. S. in Ed., (S. W. State Teachers' College).....	Grad.....		St. Joseph.....	Buchanan.
Hartzog, Lansing Kimberly...	Eng.....	Sr.....	Columbia.....	Boone.
Harvey, Fred T.....	Eng.....	Sr.....	St. Louis.....	
Harvey, James Clay.....	Arts.....	Soph...	Edina.....	Knox.
Harwood, Francis D.....	Agr.....	S. C.....	Armstrong.....	Howard.
Hazelwood, Mary Elizabeth..	Educ.....	2nd Yr.	St. Catherine.....	Linn.
Hazenritter, Delmar.....	Eng.....	Sr.....	Edina.....	Knox.
Hatcher, Era Price.....	Arts.....	Soph...	Hermann.....	Gasconade.
Hatfield, Forrest.....	Eng.....	Fr.....	Centerville.....	Jasper.
Hatton, Mary.....	Arts.....	Jr.....	Trenton.....	Grundy.
Hauck, Olga Viola.....	Arts.....	Jr.....	Bolivar.....	Polk.
Haupt, Leland J.....	Arts.....	Soph...	Kansas City.....	Jackson.
Hausman, Francis W.....	Eng.....	Fr.....	Matson.....	St. Charles.
Hausmann, Paul.....	Eng.....	Soph...	St. Louis.....	
Havighurst, Mildred.....	Ed.....	1st Yr..	Kansas City.....	Jackson.
Haw, William Hunter.....	Arts.....	Fr.....	Warrenton.....	Warren.
Hawk, Ora Merle.....	Educ.....	2nd Yr.	Benton.....	Scott.
			Hamilton.....	Caldwell.



Name	Division	Class	Postoffice	County
Hawkins, Helen Geraldine...	Arts.....	Soph....	Columbia.....	Boone.
Hawkins, Lola Mae.....	{Educ.....	1st Yr....		
	{Arts.....	Jr.....	Columbia.....	Boone.
Hawkins, Lucy Belle, B. S. in Ed.	Grad.....		Columbia.....	Boone.
Hawkins, Margaret Anna...	Educ.....	2nd Yr....	Hannibal.....	Marion.
Hawkins, Mayme Y., B. S. in Ed.	Grad.....		Columbia.....	Boone.
Hawkins, Notley William...	Jour.....	1st Yr....	Shelbina.....	Shelby.
Hawkins, Pansy Alice.....	Arts.....	Soph....	Gower.....	Clinton.
Hawn, George Larkin, Jr.	Agr.....	Sr.....	Columbia.....	Boone.
Haworth, Charles Jackson...	Agr.....	Spec....	Hartville.....	Wright.
Hay, Alexander.....	Agr.....	N. C.....	St. Louis.....	
Hay, John Samuel.....	Agr.....	N. C.....	Ponder.....	Ripley.
Hayden, Elizabeth.....	Educ.....	Spec....	Boonville.....	Cooper.
Hayden, George N.....	Agr.....	Spec....	Perryville.....	Perry.
Hayden, Helen.....	Arts.....	Soph....	Kansas City...	Jackson.
Hayes, Frank Welch, A. B.	Law.....	1st Yr....	Salisbury.....	Chariton.
Hayes, Loretta M.....	Educ.....	Spec....	Wellsville.....	Montgomery.
Hayman, Ruth E.....	Educ.....	1st Yr....	St. Louis.....	
Haynes, Douglas Wm. Abram.	Arts.....	Soph....	Skidmore.....	Nodaway.
Hays, Agnes.....	Arts.....	Sr.....	Hannibal.....	Marion.
Hays, Jesse L.....	Agr.....	N. C.....	Caledonia.....	Washington.
Hays, Robert Samuel.....	Arts.....	Soph....	Sweet Springs...	Saline.
Hays, Waverly Paul.....	Agr.....	Jr.....	St. Louis.....	
Hazel, Paul Frederick.....	Arts.....	Fr.....	Columbia.....	Boone.
Head, Morris L.....	Arts.....	Fr.....	Oklahoma City,	
			Okla.....	
Headen, Laura Francis.....	Educ.....	1st Yr....	Pleasant Hill...	Cass.
Headen, Thomas Pursefull...	Arts.....	Fr.....	Kansas City...	Jackson.
Heron, Ernest S.....	Jour.....	Spec....	Bucyrus, Kan...	
Heathman, Eugene Howard...	Agr.....	Jr.....	Armstrong.....	Howard.
Hebbeler, Harold William...	Eng.....	Sr.....	New Haven.....	Franklin.
Hebel, Mary Viola.....	Arts.....	Fr.....	Mexico.....	Audrain.
Hedden, Lawrence.....	Agr.....	Soph....	Sedalia.....	Pettis.
Hedrick, Edith Vail.....	Arts.....	Jr.....	Columbia.....	Boone.
Hedrick, Helen Breeden...	Arts.....	Fr.....	Columbia.....	Boone.
Heep, Arthur.....	Agr.....	N. C.....	Kinloch.....	St. Louis.
Heffner, James R.....	Arts.....	Fr.....	Columbia.....	Boone.
Hefner, Frank Harvey.....	Eng.....	Sr.....	Bethany.....	Harrison.
Hefner, Lewis Henry.....	Arts.....	Soph....	Bethany.....	Harrison.
Heiberger, Charles Jackson...	Arts.....	Fr.....	Hannibal.....	Marion.
Heiberger, John Claus.....	Eng.....	Sr.....	Boonville.....	Cooper.
Heidbreder, Carl George.....	Eng.....	Sr.....	Kirkwood.....	St. Louis.
Heidbreder, Elmer L., B. S. in Ed.	Grad.....		Columbia.....	Boone.
Heidelberger, Elizabeth.....	Arts.....	Jr.....	Independence...	Jackson.
Heimbaugh, Maxine.....	Jour.....	1st Yr....	Kansas City...	Jackson.
Hein, Florence Pearl.....	Jour.....	1st Yr....	Union.....	Franklin.
Heite, Charles E., Jr.....	Agr.....	Fr.....	Kansas City...	Jackson.
Heitman, Numa F., Jr.....	B. & P. A.	1st Yr....	Kansas City...	Jackson.
Heizer, Helen Elizabeth.....	Arts.....	Jr.....	Mexico.....	Audrain.
Heller, Gertrude Louise, B. S. in Ed.	Grad.....		Palmyra.....	Marion.
Heller, James Henry.....	Arts.....	Fr.....	Columbia.....	Boone.
Heller, Willard.....	Arts.....	Sr.....	Columbia.....	Boone.
Hellerman, Morris.....	Arts.....	Spec....	New York City...	
Hellman, Josephine.....	Educ.....	1st Yr....	Kansas City...	Jackson.
Helm, Harriette H.....	Arts.....	Spec....	St. Marys, Kan...	
Helm, James Otis.....	Arts.....	Jr.....	Columbia.....	Boone.
Helman, Elmer Glover, B. S. in Agr.	Grad.....		Sedalia.....	Pettis.
Helmers, Vernon John.....	B. & P. A.	1st Yr....	Hermann.....	Gasconade.
Helmcamp, George F.....	Arts.....	Fr.....	Sedalia.....	Pettis.
Helmcamp, Henry Herman...	Arts.....	Fr.....	Wellington.....	Lafayette.
Helmcamp, William Edgar...	Eng.....	Fr.....	Wellington.....	Lafayette.
Hemphill, William Adlai, Jr.	Arts.....	Jr.....	Kennett.....	Dunklin.
Henry, J. Scott.....	Eng.....	Jr.....	Hamilton.....	Caldwell.
Henderson, Bertha Elma...	Arts.....	{Soph....		
		{Nurse...	Jackson.....	C. Girardeau.
Henderson, Earl Wilton.....	Grad.....		Columbia.....	Boone.
Henderson, Mildred.....	{Arts.....	Sr.....		
	{Educ.....	2nd Yr....	Morrisville.....	Polk.
Henderson, Myron M.....	B. & P. A.	2nd Yr....	Kansas City...	Jackson.
Henderson, Raymond C.....	Agr.....	Fr.....	Savannah.....	Andrew.
Henderson, Weeden S.....	Eng.....	Soph....	Kansas City...	Jackson.
Hendon, Grace Mauryn.....	Educ.....	1st Yr....	Granby.....	Newton.
Hendricks, Floyd W.....	Arts.....	Spec....	Barry, Ill.....	
Hendricks, Glen Hayden...	Arts.....	Fr.....	Barry, Ill.....	
Hengelsberg, Amie Jane.....	Arts.....	Fr.....	Maplewood.....	St. Louis.
Hengesback, Frank A.....	Agr.....	N. C.....	Columbia.....	Boone.
Henninger, Frederick Albert, Jr.	Arts.....	Fr.....	Columbia.....	Boone.
Hennon, Charles Funchess...	Law.....	3rd Yr....	Joplin.....	Jasper.
Henry, Elizabeth Hale.....	Art.....	Fr.....	Kansas City...	Jackson.

Name	Division	Class	Postoffice	County
Henry, Ellis Fletcher.....	Agr.....	S. C.....	Latour.....	Johnson.
Henry, James Cookley.....	Jour.....	2nd Yr.....	Columbia.....	Boone.
Henry, Sarah Marjorie.....	Arts.....	Sr.....	Taylorville, Ill.....	Jackson.
Henschel, Elizabeth.....	Arts.....	Fr.....	Kansas City.....	Pulaski.
Hensley, W. V.....	Agr.....	S. C.....	Waynesville.....	Putnam.
Henson, Lynn.....	Agr.....	S. C.....	Unionville.....	Jackson.
Henson, Martha Edna.....	Arts.....	Soph.....	Kansas City.....	Greene.
Hentschel, Ernest Robert.....	Eng.....	Jr.....	Springfield.....	Macon.
Hern, Emma Kathryn.....	Arts.....	Fr.....	LaPlata.....	Platte.
Hern, Norah R.....	Arts.....	Fr.....	LaPlata.....	Jackson.
Herndon, Albert Perryn.....	Jour.....	1st Yr.....	Camden Point.....	Jefferson.
Herndon, Frank Wyatt.....	Arts.....	Soph.....	Independence.....	Jasper.
Herrington, Fern.....	Educ.....	Spec.....	DeSoto.....	Jasper.
Herrod, Cecil R.....	Arts.....	Fr.....	Webb City.....	Wayne.
Herrod, Mabel.....	Arts.....	Fr.....	Webb City.....	Clay.
Hess, Albert Louis.....	Agr.....	N. C.....	Millspring.....	Clay.
Hess, Edward Hovey.....	Agr.....	Jr.....	Smithville.....	Clay.
Hessel, Leonora Mae.....	Arts.....	Jr.....	Kearney.....	Clay.
Hessel, Victor E.....	Arts.....	Fr.....	Holt.....	Clay.
Hetz, Florence.....	Arts.....	Fr.....	Carthage.....	Jasper.
Hetzler, William J., Jr.....	B. & P. A.....	Spec.....	Columbia.....	Boone.
Hibbard, Harlan Davis.....	Arts.....	Fr.....	Columbia.....	Boone.
Hibbard, Ruth.....	Arts.....	Sr.....	Columbia.....	Boone.
Hickam, George L.....	Eng.....	N. C.....	Wellsville.....	Audrain.
Hickerson, Frank Raymond.....	Arts.....	Sr.....	Columbia.....	Boone.
Hickman, Jane Franklin.....	Arts.....	Fr.....	Cross Timbers.....	Hickory.
Hickman, Jay N.....	Arts.....	Fr.....	Princeton.....	Mercer.
Hickman, Thomas O.....	Arts.....	Fr.....	Hot Springs, Ark.....	Jasper.
Hickok, Sarah Margaret.....	Educ.....	2nd Yr.....	Joplin.....	Jackson.
Hicks, Carrie Ellen.....	Arts.....	Spec.....	Kansas City.....	
Hicks, Maudelle.....	Arts.....	Fr.....	Loveland, Colo.....	
Hicks, Robert P.....	Arts.....	Sr.....	St. Louis.....	
Hickson, Edward Watts.....	Educ.....	2nd Yr.....	Sedalia.....	Pettis.
Hieronymus, Maurine.....	Eng.....	Jr.....	Fertile.....	Washington
Higinbotham, Ray.....	Arts.....	Sr.....	St. Louis.....	
Higinbotham, Sallie Flora, B. S. in Ed.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Higinbottom, Ruth.....	Agr.....	Sr.....	Greenfield.....	Dade.
Higgins, Floyd Linville.....	Grad.....		Dublin, Ga.....	
Hightower, Ruby Usher, A. B., (Shorter College).....	Eng.....	Fr.....	St. Louis.....	
Hilb, Melvin Henry.....	Eng.....	N. C.....	Cardwell.....	Dunklin.
Hilderbrand, George W.....	Arts.....	Fr.....	St. Louis.....	
Hilfer, Vera.....	Grad.....		Graham.....	Nodaway.
Hill, Alva Clay.....	Arts.....	Sr.....	Brookfield.....	Linn.
Hill, Dora May.....	Arts.....	Sr.....	Columbia.....	Boone.
Hill, Esther Davison.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Hill, Mary Edith.....	Arts.....	Soph.....	Nevada.....	Vernon.
Hill, Mary Helen.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Hill, Mildred.....	Arts.....	Soph.....	Clinton.....	Henry.
Hill, Robert.....	Agr.....	Jr.....	Norborne.....	Carroll.
Hill, Roscoe Vernon.....	Eng.....	Fr.....	Desloge.....	St. Francois.
Hillemann, Harry Henry.....	Arts.....	Fr.....	Kahoka.....	Clark.
Hiller, Allan Thompson.....	Agr.....	Sr.....	Appleton City.....	St. Clair.
Hillhouse, Glenn S.....	Educ.....	Spec.....	Poplar Bluff.....	Butler.
Hilliard, Mabel Irene, A. B. S. in Ed.....	Arts.....	Soph.....	Weston.....	Platte.
Hillix, Enger Amanda.....	Educ.....	2nd Yr.....	St. Joseph.....	Buchanan.
Hillix, Gladys Kathleen.....	Arts.....	Sr.....	Weston.....	Platte.
Hillix, Katharine Rebecca.....	B. & P. A.....	1st Yr.....	Kansas City.....	Jackson.
Hills, Gilbert W.....	B. & P. A.....	2nd Yr.....	Cape Girardeau.....	O. Girardeau.
Himmelberger, John Marshall.....	Agr.....	N. C.....	Ilmo.....	Scott.
Hines, Howard Lee.....	Eng.....	Fr.....	Caney.....	Montgomery.
Hinkle, C. D.....	Eng.....	Fr.....	Stanberry.....	Gentry.
Hinkley, Seth Howard.....	Arts.....	Soph.....	Muskogee, Okla.....	
Hinson, Len Skelton.....	Eng.....	Fr.....	Belleville, Ill.....	
Hippard, Raymond A.....	Arts.....	Soph.....	Blue Springs.....	Jackson.
Hire, Wayne Adelbert.....	Law.....	3rd Yr.....	Bethany.....	Harrison.
Hix, Clifford.....	Agr.....	S. C.....	Perry.....	Monroe.
Hoar, Hugh Gilbert.....	(Arts.....	Jr.....		
Hobbs, Earl Byron.....	(Med.....	1st Yr.....	Monett.....	Barry.
Hobbs, Georgia Mae.....	Arts.....	Fr.....	Moberly.....	Randolph.
Hobbs, LaVon, B. S. in Bus. Admin.....	Arts.....	Fr.....	Moberly.....	Randolph.
Hobbs, Margaret Lowry.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Hobbs, Theodore Eugene.....	Eng.....	Fr.....	Moberly.....	Randolph.
Hobrecht, Milton Raymond.....	Agr.....	Sr.....	Sedalia.....	Pettis.
Hocker, Alma Lee.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Hodgdon, Martha Iorraine.....	Arts.....	Fr.....	Webster Goves.....	St. Louis.
Hodge, Robert Dryden.....	Eng.....	Soph.....	Kansas City.....	Jackson.
Hodge, Walter J.....	Eng.....	Fr.....	Quincy, Ill.....	
Hodgen, Helen Delphine.....	Arts.....	Jr.....	Potosi.....	Washington.
Hodges, Frank, Jr.....	Eng.....	Sr.....	Olathe, Kan.....	
Hodges, Lowell Mason.....	Agr.....	Spec.....		

Name	Division	Class	Postoffice	County
Hodges, Samuel B.	Arts.	Soph.	Granby	Newton.
Hoefflin, William E.	Eng.	Soph.	St. Charles.	St. Charles.
Hoff, John E.	Agr.	S. C.	Perryville.	Perry.
Hoffman, Gilbert F.	Agr.	S. C.	Perryville.	Perry.
Hoffman, John William.	Educ.	Spec.	Chamois.	Osage.
Hoffman, Joseph Daniel.	Eng.	Fr.	Kansas City.	Jackson.
Hoffman, Joseph S.	Arts.	Soph.	Kansas City.	Jackson.
Hoffstetter, Rudolf E.	Arts.	Fr.	Perryville.	Perry.
Hogan, Ben Miles.	Eng.	Sr.	West Plains.	Howell.
Hogan, Don Lynn.	Arts.	Fr.	Bethany.	Harrison.
Hogan, Mason Senator.	Eng.	Sr.	West Plains.	Howell.
Hogan, Ross Dean.	B. & P. A.	2nd Yr.	Bethany.	Harrison.
Hoge, Herbert Cleot.	Eng.	Fr.	Carthage.	Jasper.
Hoggett, Fred K.	Agr.	N. C.		
Hogue, Eugene T.	Arts.	Soph.	Eaton, Colo.	
Hogue, Katherine Marie.	(Agr.) (Educ.)	Sr. 2nd Yr.		
Holekram, Donald Burger.	Arts.	Soph.	Mount Vernon.	Lawrence.
Holbrook, Loren.	Agr.	S. C.	Columbia.	Boone.
Holcomb, Felix Bernard.	B. & P. A.	Spec.	Oregon.	Holt.
Holcombe, Leah Fay.	Arts.	Fr.	Bowling Green.	Pike.
Holden, Randall Lee.	Arts.	Fr.	Muskogee, Okla.	
Holder, Robert Ralph.	Agr.	Spec.	Crescent.	St. Louis.
Holland, Edgar William.	Arts.	Fr.	Hyer, N. Mex.	
Holland, George Dewey, Jr.	Jour.	1st Yr.	Warrensburg.	Johnson.
Holland, Samuel Kent, Jr.	Jour.	Spec.	Eldon, Ia.	
Hollenberg, Henry W.	Agr.	S. C.	Peoria, Ill.	
Holman, Hamilton.	Eng.	Fr.	St. Charles.	St. Charles.
Holmes, Byford M.	Arts.	Jr.	Moberly.	Randolph.
Holmes, Mary Geraldine.	Arts.	Jr.	Marionville.	Lawrence.
Holsman, Emma Susan.	Arts.	Fr.	Cairo, Ill.	
Holt, Alice May.	Arts.	Fr.	Columbia.	Boone.
Holt, Grace.	Educ.	Spec.	Marionville.	Lawrence.
Holtgrave, Alvin A.	Agr.	S. C.	Orlando, Fla.	
Holtzclaw, Mrs. Richard.	Educ.	Spec.	Breese, Ill.	
Holtzman, Samuel.	Arts.	Fr.	Macon.	Macon.
Hood, Clyde B.	Arts.	Fr.	New York, N. Y.	
Hood, Isabelle.	Arts.	Fr.	Joplin.	Jasper.
Hood, Jack Charles.	Arts.	Fr.	Kansas City.	Jackson.
Hook, Waller Graves.	Arts.	Fr.	Kansas City.	Jackson.
Hoover, Francis R.	Eng.	Soph.	Kansas City.	Jackson.
Hope, Catharine Margaret.	Educ.	1st Yr.	Kansas City.	Cole.
Hopkins, Edwin Fraser.	Arts.	Fr.	Jefferson City.	
Hopkins, Mary Elizabeth.	Arts.	Fr.	Buffalo, N. Y.	
Hopkins, Vergna Watson.	Arts.	Sr.	Kansas City.	Jackson.
Hopper, Curry S.	Arts.	Spec.	Boonville.	Cooper.
Hopson, Henry.	Eng.	Fr.	Sumner.	Chariton.
Horine, Mary Katherine.	Arts.	Fr.	DeSoto.	Jefferson.
Horner, William Lawrence.	Arts.	Soph.	Columbia.	Boone.
Horning, Ruth Maxine.	Agr.	Sr.	Bloomfield.	Stoddard.
Horrocks, Gilles E.	Arts.	Spec.	Sikeston.	Scott.
Horton, Sherman Duesen- bury.	Jour.	2nd Yr.	Mystic, Ia.	
Hosek, Henrietta J.	Arts.	Fr.	Kansas City.	Jackson.
Hosmer, Joseph Blaine.	Arts.	Jr.	St. Louis.	
Houck, Louis J.	Jour.	2nd Yr.	Bradentown, Fla.	
Hough, Elliott W.	Eng.	Fr.	Shelbina.	Shelby.
Houk, Mary.	Arts.	Soph.	Sibley, Ia.	
	(Arts.) (Educ.)	Sr. 2nd Yr.		
House, Warren Dearborn.	Agr.	Soph.	St. Joseph.	Buchanan.
Houser, John William.	Eng.	Fr.	Blue Springs.	Jackson.
Housman, Robert Lloyd.	Jour.	Fr.	Desloge.	St. Francois.
Houston, Frank Buckner.	(Arts.) (Jour.)	1st Yr. 2nd Yr.	Irvington, N. J.	
Houston, Joseph Eugene.	Arts.	Sr.	Mexico.	Audrain.
Houston, Victor M.	Arts.	Soph.	Kansas City.	Jackson.
Houx, Gladys.	Arts.	Soph.	Marionville.	Lawrence.
Howard, Adonis Carl.	Arts.	Soph.	Marshall.	Saline.
Howard, Ben H.	Arts.	Spec.	Elma, Ia.	
Howard, Eleanor.	Arts.	Soph.	Jackson.	C. Girardeau.
Howard, Oren Andrew.	Educ.	1st Yr.	Fayette.	Howard.
Howard, Paul Parker.	Eng.	Soph.	Stanberry.	Gentry.
Howard, Robert Lorenzo, A. B., A. M.	Eng.	Jr.	Moberly.	Randolph.
Howat, William M.	Law.	1st Yr.		
Howe, Melvin Purdue.	Agr.	Soph.	Columbia.	Boone.
Howell, Belle.	Arts.	Sr.	Huntsville.	Randolph.
Howell, Frances.	Arts.	Fr.	Lexington.	Lafayette.
Howell, Jesse Lee.	Arts.	Fr.	Unionville.	Putnam.
Howell, Mildred, A. B.	Arts.	Fr.	Troy.	Lincoln.
Howell, William E.	Arts.	Soph.	Elvins.	St. Francois.
Howery, David Elbert.	Educ.	2nd Yr.	Columbia.	Boone.
Howk, Oren Emmett.	Arts.	Fr.	Poplar Bluff.	Butler.
Howk, Vern Rankin.	Agr.	Jr.	Bethany.	Harrison.
Howze, Robert W.	Eng.	Fr.	Salem.	Dent.
	B. & P. A.	2nd Yr.	Salem.	Dent.
	Agr.	Spec.	Columbia.	Boone.



Name	Division	Class	Postoffice	County
Hoy, Charles Tabler.....	(Arts.....	Sr.....		
Hoy, Katharyn Bernice.....	Educ.....	2nd Yr.	Parkville.....	Platte.
Hoy, Wesley Warner.....	Arts.....	Soph.....	Liberty.....	Clay.
	(Agr.....	Sr.....		
Hsiao, Chu, A. B.....	Educ.....	2nd Yr.	Farmington.....	St. Francois.
Hsiao, Kung Chuan.....	B. & P. A.	2nd Yr.	Shanghai, China..	
Hsiek, Huachsiu.....	Arts.....	Sr.....	Shanghai, China..	
Hua, Hsiu Sheng.....	Arts.....	Spec.....	Hongkong, China..	
Hubbell, Helen.....	Arts.....	Sr.....	Tunghai, China....	
Hubbell, Ralph Newell.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Huber, Carl Archibald.....	Agr.....	Soph.....	Hale.....	Carroll.
Huber, Esther Theresa.....	Jour.....	2nd Yr.	Clarksville.....	Pike.
Huber, Willie Theresa.....	Educ.....	2nd Yr.	Perryville.....	Perry.
Hubner, Cleo Lavern.....	Arts.....	Fr.....	Perryville.....	Perry.
Huckett, Roy Farnsworth.....	Eng.....	Soph.....	King City.....	Gentry.
Huckstep, Alton.....	Arts.....	Soph.....	Mt. Washington..	Jackson.
Huddleston, George Sylvester.	Agr.....	S. C.....	Cyrene.....	Pike.
Huddleston, Glen Whitmore..	Eng.....	Sr.....	Jefferson City.....	Cole.
Huddleston, Jack.....	Arts.....	Fr.....	Wakenda.....	Carroll.
Hudgins, Ray Comstock.....	Arts.....	Fr.....	Paragould, Ark....	
Hudson, Delmar Richard.....	Arts.....	Fr.....	Mooreville.....	Livingston.
Hudson, Dorothy Bedford.....	Agr.....	N. C.....	Ponder.....	Ripley.
Hudson, Edward Randall.....	Arts.....	Soph.....	Carrollton.....	Carroll.
Hudson, Edwin F.....	Eng.....	Fr.....	Shreveport, La....	
Hudson, Forrest Raymond.....	Agr.....	N. C.....	Rocheport.....	Boone.
Hudson, Harold Jordan.....	Eng.....	Fr.....	Trenton.....	Grundy.
Hudson, Mary Margaret.....	Law.....	3rd Yr.	Kansas City.....	Jackson.
Hudson, Virginia O'Rear, A.	Arts.....	Jr.....	Kansas City.....	Jackson.
B., (Mo. Valley College).....				
Hudson, William Arthur.....	Grad.....		Shackelford.....	Saline.
Huff, Marion Thaddeus Hoyt..	Eng.....	Soph.....	Galveston, Texas..	
Huffman, Lester Ervin.....	Agr.....	Fr.....	Carthage.....	Jasper.
Huffman, Otto L.....	Eng.....	Jr.....	Warrensburg.....	Johnson.
Hughes, Albert A.....	Eng.....	N. C.....		
Hughes, Dan S.....	Soph.....		Columbia.....	Boone.
Hughes, David L.....	Eng.....	Sr.....	Macon.....	Macon.
Hughes, Elizabeth Jane.....	Arts.....	Fr.....	Bevier.....	Macon.
Hughes, Helen Leota.....	Jour.....	1st Yr.	Lorrington, Wyo..	
Hughes, Jessie Mildred.....	Arts.....	Fr.....	Columbia.....	Boone.
Hughes, John Otis.....	Educ.....	2nd Yr.	Irondale.....	Jefferson.
Hughes, Sarah Ina.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Hughes, Vincil H.....	Educ.....	Spec.....	Everton.....	Dade.
Hulen, Alfred Clayton.....	Arts.....	Fr.....	Lamar.....	Barton.
Hulen, Geneva Sophia.....	Arts.....	Fr.....	Mexico.....	Audrain.
Hulett, Anna.....	Arts.....	Fr.....	Columbia.....	Boone.
Hulett, Ruby Dill.....	Educ.....	2nd Yr.	Columbia.....	Boone.
Hulett, William Roger.....	Educ.....	2nd Yr.	Hallsville.....	Boone.
Hull, Clifford M.....	Eng.....	Jr.....	Columbia.....	Boone.
Hultmark, Myron.....	Arts.....	Fr.....	Maryville.....	Nodaway.
Hume, Esther.....	Eng.....	Fr.....	Vincent, Ia.....	
Humes, Erwin Wellington.....	Arts.....	Fr.....	Armstrong.....	Howard.
Humfeld, Marion L.....	Arts.....	Sr.....	Joplin.....	Jasper.
Hummel, Lynn E.....	Eng.....	Soph.....	Independence.....	Jackson.
Humphrey, Clyde Earl.....	Arts.....	Fr.....	Cartersville.....	Jasper.
Humphrey, Edna Ione.....	Educ.....	2nd Yr.	Jefferson City.....	Cole.
Humphrey, George Russel.....	Arts.....	Fr.....	Russellville, Ark..	
Humphrey, Minnie Frances.....	Eng.....	Fr.....	Kansas City.....	Jackson.
Humphrey, Roland O., A. B.....	Arts.....	Fr.....	Jefferson City.....	Cole.
Humphrey, Roxana.....	Grad.....		Jefferson City.....	Cole.
Hundley, John Leslie, A. B.....	Educ.....	1st Yr.	Russellville, Ark..	
Hungate, Lolita.....	Grad.....		Columbia.....	Boone.
Hunn, Arthur Francis.....	Agr.....	Fr.....	Columbia.....	Boone.
Hunt, Horace Marion.....	Arts.....	Fr.....	St. Louis.....	
Hunt, Lloyd H.....	Agr.....	Soph.....	Lockwood.....	Dade.
	(Arts.....	Jr.....		
Hunt, Mary Conley.....	(Med.....	1st Yr.	Salem.....	Dent.
Hunter, Horace S.....	Arts.....	Fr.....	Huntsdale.....	Boone.
Hunter, Jessie Elmo.....	Arts.....	Fr.....	Columbia.....	Boone.
Hunter, Max L.....	Agr.....	Jr.....	Bismarck.....	St. Francois.
Hunziger, Robert F.....	Agr.....	Fr.....	Hoberg.....	Lawrence.
Hunziger, Rosine.....	Agr.....	S. C.....	Oregon.....	Holt.
Hurst, Hugh H.....	Agr.....	S. C.....	Oregon.....	Holt.
Hurt, Estill E.....	Arts.....	Fr.....	Rich Hill.....	Bates.
Hussey, Frank Larkin.....	Agr.....	Fr.....	Excelsior Springs..	Clay.
	(Arts.....	Sr.....		
Husted, George William.....	(Med.....	2nd Yr.	Carthage.....	Jasper.
Husted, Mrs. Ida Bell.....	Arts.....	Sr.....	Columbia.....	Boone.
Huston, Margaret Crawford..	Arts.....	Fr.....	Columbia.....	Boone.
Huston, Paul Bryan.....	Educ.....	1st Yr.	Sweet Springs.....	Saline.
Hutcheson, Cyrus J.....	Agr.....	Soph.....	St. Louis.....	
Hutcheson, Margaret G.....	Eng.....	Spec.....	Columbia.....	Boone.
Hutcheson, Ralph Charles.....	Arts.....	Soph.....	Columbia.....	Boone.
Hutchings, Clifford Gallatin..	Arts.....	Fr.....	Columbia.....	Boone.
Hutchison, Eliza Mary.....	Arts.....	Fr.....	Blue Springs.....	Jackson.
	Arts.....	Sr.....	Kirkwood.....	St. Louis.

Name	Division	Class	Postoffice	County
Hutchison, Evelyn Helene...	Educ. ....	2nd Yr.	Carrollton. ....	Carroll.
Hutchison, Mildred E. ....	Educ. ....	2nd Yr.	Jamesport. ....	Livingston.
Hutchison, Otis. ....	Agr. ....	N. C.	Princeton. ....	Mercer.
Hyle, Dorothea F. ....	Arts. ....	Fr.	Kansas City. ....	Jackson.
Hymer, Herbert C. ....	Arts. ....	Fr.	Kansas City. ....	Jackson.
Ichikawa, Kiroki. ....	B. & P. A.	Spec. ....	Nagoya, Japan. ....	
Indorf, Catherine Louise. ....	Arts. ....	Soph. ....	Hannibal. ....	Marion.
Ingels, Giltner Russell. ....	Eng. ....	Sr.	Columbia. ....	Boone.
Ingerson, Erwin Charles. ....	Agr. ....	N. C.	Atchison, Kan. ....	
Ingram, Annie. ....	(Arts. .... {Educ. ....	Soph. .... Spec. ....	Bowling Green. ....	Pike.
Irish, Josephine. ....	B. & P. A.	Spec. ....	Columbia. ....	Boone.
Irish, Mildred Eleanor. ....	Arts. ....	Jr. ....	Columbia. ....	Boone.
Irwin, Bernice Gertrude Hunter. ....	(Educ. .... {Jour. ....	2nd Yr. .... 2nd Yr. ....	Columbia. ....	Boone.
Irwin, Carl Wood. ....	Eng. ....	Jr. ....	Carthage. ....	Jasper.
Isaacson, Robert Howard. ....	Arts. ....	Fr.	Leavenworth, Kan.	
Island, Legues Clarence. ....	Arts. ....	Fr.	Okmulgee, Okla.	
Itschner, Ernest T. ....	Agr. ....	Sr.	Macon. ....	Macon.
Jacks, Anna Madeline. ....	Arts. ....	Fr.	St. Louis. ....	
Jacks, Mrs. Mary Margaret. ....	Arts. ....	Soph. ....	Columbia. ....	Boone.
Jackson, Charles Elbert. ....	Eng. ....	Soph. ....	Hannibal. ....	Marion.
Jackson, Clifford P. ....	Agr. ....	N. C.	Cadiz, Ky. ....	
Jackson, Gene H. ....	Eng. ....	Fr.	Nevada. ....	Vernon.
Jackson, Helen Elizabeth. ....	Arts. ....	Fr.	Hannibal. ....	Marion.
Jackson, James Henry. ....	B. & P. A.	1st Yr.	Huntsville. ....	Randolph.
Jackson, Jewell Ray. ....	Arts. ....	Soph. ....	Gower. ....	Buchanan.
Jackson, John Ralph. ....	Arts. ....	Fr.	Portales, N. M. ....	
Jackson, Nan. ....	Arts. ....	Spec. ....	Rutledge. ....	Scotland.
Jackson, Orral O. ....	B. & P. A.	Spec. ....	Louisiana. ....	Pike.
Jackson, William Charles. ....	Eng. ....	Sr.	Hannibal. ....	Marion.
Jackson, William Oliver. ....	Agr. ....	N. C.	Kansas City. ....	Jackson.
Jacobs, Forest Lee. ....	Agr. ....	N. C.	Browning. ....	Linn.
Jacobs, George Sands. ....	Arts. ....	Fr.	Carthage. ....	Jasper.
Jacobs, Lorine. ....	Arts. ....	Fr.	Columbia. ....	Boone.
Jacobs, Nathan Elias. ....	Arts. ....	Soph. ....	Omaha, Neb. ....	
Jacobs, Pearl Virginia. ....	Arts. ....	Fr.	Eureka. ....	St. Louis.
Jacobson, Jerome Lionel. ....	Eng. ....	Fr.	Kansas City. ....	Jackson.
Jacquín, Edwin Nicols. ....	Jour. ....	2nd Yr.	Louisiana. ....	Pike.
Jacquín, Harriet Elizabeth. ....	Arts. ....	Sr.	Louisiana. ....	Pike.
Jaeger, Chester George. ....	B. & P. A.	2nd Yr.	St. Louis. ....	
Jaeger, Everett Eugene. ....	Agr. ....	S. C.	Clarksville. ....	Pike.
Jaeger, Roy Henry. ....	Eng. ....	Sr.	St. Louis. ....	
Jaffe, Leon. ....	Law. ....	Spec. ....	Brooklyn, N. Y.	
Jafri, Mohd Rauf. ....	Jour. ....	Spec. ....	Allahabad, India. ....	
James, Everett. ....	Agr. ....	Fr.	Macon. ....	Macon.
James, Flavia Mary. ....	Arts. ....	Sr.	Peirce City. ....	Lawrence.
James, Garnet F. ....	Agr. ....	S. C.	Clifton Hill. ....	Randolph.
James, Gilbert L. ....	B. & P. A.	1st Yr.	Bevier. ....	Macon.
James, Guy Everett. ....	Agr. ....	Spec. ....	Vichy. ....	Maries.
James, Josephine Frances. ....	Arts. ....	Fr.	Kansas City. ....	Jackson.
James, Justin Melvin. ....	Arts. ....	Soph. ....	Higginsville. ....	Lafayette.
James, William Lee. ....	Agr. ....	Sr.	Bevier. ....	Macon.
Jameson, Eleanor Maughs, A. B. ....	Grad. ....		Columbia. ....	Boone.
Jansson, Karin E. ....	Arts. ....	Soph. ....	St. Louis. ....	
Jansson, William A. ....	Eng. ....	N. C.	Smithboro, Ill. ....	
Jarrett, Dudley Crockett. ....	Arts. ....	Soph. ....	Springfield. ....	Greene.
Jeans, John Berger. ....	Eng. ....	Soph. ....	Hannibal. ....	Marion.
Jenkins, Loyd Lewis. ....	Agr. ....	Soph. ....	Sheridan. ....	Worth.
Jenkins, Opal May. ....	Arts. ....	Fr.	LaPlata. ....	Macon.
Jenkins, Reed. ....	Eng. ....	Soph. ....	Sheridan. ....	Worth.
Jenkinson, Nellie Lee. ....	Arts. ....	Sr.	Festus. ....	Jefferson.
Jennett, James Harvey. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Jennett, Nelson. ....	Agr. ....	Fr.	Kansas City. ....	Jackson.
Jennings, Clark William. ....	Arts. ....	Sr.	Independence. ....	Jackson.
Jennings, Egbert, B. S. in Ed.	Grad. ....		King City. ....	Gentry.
Jennings, George. ....	Arts. ....	Soph. ....	Columbia. ....	Boone.
Jennings, Helen Genevieve. ....	Arts. ....	Sr.	Columbia. ....	Boone.
Jeter, Olivett Lanier. ....	Arts. ....	Fr.	Shreveport, La. ....	
Jett, Ely C. ....	Agr. ....	S. C.	Monroe City. ....	Monroe.
Jett, Monroe Daniel. ....	(Jour. .... {Arts. ....	2nd Yr. .... 2nd Yr. ....	Monroe City. ....	Monroe.
Jewett, Samuel Lewis. ....	Agr. ....	S. C.	Boonville. ....	Cooper.
Johannaber, Edna. ....	Arts. ....	Spec. ....	Warrenton. ....	Warren.
Johannes, Georgia Faye. ....	B. & P. A.	2nd Yr.	Columbia. ....	Boone.
John, George W. ....	Arts. ....	Soph. ....	St. Louis. ....	
John, Mrs. Margaret S. ....	Arts. ....	Spec. ....	Columbia. ....	Boone.
Johns, Burdette Theron. ....	Arts. ....	Soph. ....	Farmington. ....	St. Francois.
Johns, Delos Cole. ....	(Arts. .... {Law. ....	Sr. .... 2nd Yr. ....	Farmington. ....	St. Francois.
Johns, Gladys Bertha. ....	Arts. ....	Fr. ....	Ash Grove. ....	Greene.

Name	Division	Class	Postoffice	County
Johns, Harry D.	Arts.	Fr.	Carthage	Jasper.
Johnson, Alfonso.	Jour.	2nd Yr.	Columbia	Boone.
Johnson, Charles Foster	Arts.	Soph.	Columbia	Boone.
Johnson, Charles Ralph	B. & P. A.	2nd Yr.	Urich	Henry.
Johnson, Duncan Blythe.	Jour.	2nd Yr.	Jonesboro, Ark.	
Johnson, Elmer W.	Agr.	S. C.	Caldwell, Kan.	
Johnson, Flora May.	Educ.	2nd Yr.	Center	Ralls.
Johnson, Mrs. George E.	Agr.	S. C.	St. Louis	
Johnson, George Edward.	Agr.	Soph.	St. Louis	
Johnson, George Summers.	Arts.	Sr.	Monticello	Lewis.
Johnson, Gladys May	Jour.	1st Yr.	Anglum	St. Louis.
Johnson, Harold M.	Agr.	S. C.	Monett	Barry.
Johnson, Helen Louise	Educ.	1st Yr.	Joplin	Jasper.
Johnson, Helen Louise	Educ.	2nd Yr.	Chillicothe	Livingston.
Johnson, John O.	Eng.	Fr.	Columbia	Boone.
Johnson, Lowell Rexford.	Law.	3rd Yr.	Columbia	Boone.
Johnson, Margaret Luella	Arts.	Fr.	Jamesport	Davies.
Johnson, Margaret W.	Arts.	Soph.	St. Louis	
Johnson, Mildred Louise.	Arts.	Soph.	St. Louis	
Johnson, Orian Virginia.	Arts.	Soph.	Chillicothe	Livingston.
Johnson, Ralph A.	B. & P. A.	Spec.	Joplin	Jasper.
Johnson, Robert Claibourne.	Agr.	Fr.	Steinmetz	Howard.
Johnson, Robert Ebsworth.	Eng.	Fr.	Rich Hill	Bates.
Johnson, Roy Chester	Eng.	Sr.	Mt. Vernon	Lawrence.
Johnson, Sanford Miller	B. & P. A.	Spec.	Kansas City	Jasper.
Johnson, Sarah Elizabeth	Jour.	2nd Yr.	Springfield	Greene.
Johnson, Sybil	Arts.	Fr.	Columbia	Boone.
Johnson, Vernon L.	Eng.	Jr.	Butler	Bates.
Johnson, Warren A.	Agr.	Fr.	Middlebrook	Iron.
Johnson, William Frederick, Jr.	B. & P. A.	Spec.	Mattoon, Ill.	
Johnson, William Walker	Arts.	Jr.	Mexico	Audrain.
Johnson, Willie Ernest	(Arts.)	Sr.		
	(Med.)	1st Yr.	Repton, Ala.	
Johnston, Charles Russell	B. & P. A.	1st Yr.	Trenton	Grundy.
Johnston, Emery Kennedy	Jour.	1st Yr.	Sedalia	Pettis.
Johnston, Harriet D., A. B.	Med.	1st Yr.	Columbia	Boone.
Johnston, Lyle Tesson	Jour.	Spec.	Webster Groves	St. Louis.
Johnston, Mildred	Arts.	Soph.	Newark	Knox.
Johnston, Noah Bryan	Arts.	Soph.	Mexico	Audrain.
Johnston, Robert Vane	Agr.	Jr.	Memphis	Scotland.
Johnston, Russell Wiley	Law.	3rd Yr.	Columbia	Boone.
Johnstone, Bertha Eloise	Arts.	Soph.	Kansas City	Jackson.
Johnstone, Dorothy Honey	Arts.	Spec.	Mexico	Audrain.
Johnstone, Paul Nugent	(Arts.)	Sr.		
	(Med.)	2nd Yr.	Kansas City	Jackson.
Johnstone, Theodore Alexander	B. & P. A.	2nd Yr.	Kansas City	Jackson.
Jones, Alice Lucile	Arts.	Fr.	Belgrade, Neb.	
Jones, Alma	Arts.	Soph.	Brookfield	Linn.
Jones, Archie LeRoy	Arts.	Fr.	Rich Hill	Bates.
Jones, B. Delbert	Arts.	Soph.	Plainview, Texas.	
Jones, Ben W.	Agr.	S. C.	Ethel	Macon.
Jones, E. Garry	Eng.	Jr.	Lewistown	Lewis.
Jones, Mrs. Edith M., B. S. in Ed.	Grad.		Columbia	Boone.
Jones, Elmer T.	Agr.	Spec.	Neosho	Newton.
Jones, Esther Eliza	Agr.	Sr.	Chillicothe	Livingston.
Jones, Mrs. Hannah Heck	Educ.	Spec.	Farmington	St. Francois.
Jones, Harry Joe	Arts.	Jr.	Ironton	Iron.
Jones, H. Paul	Arts.	Fr.	Memphis	Scotland.
Jones, Hugh Campbell Hodge	Law.	Spec.	St. Louis	
Jones, Jesse A.	Agr.	S. C.	Camden Point	Platte.
Jones, Julia Adams	Arts.	Jr.	Chillicothe	Livingston.
Jones, Katharine Edmonstone A. B., B. S. in Ed.	Grad.		Columbia	Boone.
Jones, L. W.	Agr.	S. C.	Macon	Macon.
Jones, Lawrence D.	Arts.	Soph.	Independence	Jackson.
Jones, Mack Marquis, B. S. in Eng. (Univ. of Ill.)	Agr.	Spec.	Columbia	Boone.
Jones, Mary Sylvia	Arts.	Fr.	Green City	Sullivan.
Jones, Mary Winston	Educ.	2nd Yr.	Pensacola, Fla.	
Jones, Miriam A.	Jour.	1st Yr.	Kansas City	Jackson.
Jones, Paul Caruthers	Jour.	1st Yr.	Kennett	Dunklin.
Jones, Paul McConnell	B. & P. A.	2nd Yr.	Kansas City	Jackson.
Jones, Richard Young	Eng.	Sr.	Neosho	Newton.
Jordan, Frank Marion	Agr.	N. C.	Steele	Pemiscot.
Jordan, George Harvey	Agr.	Fr.	Shelbina	Shelby.
Jordan, Helen	Arts.	Sr.	Seneca, Kan.	
Jordan, Howard Vernon, B. S. in Agr. (Michigan Agriculture College)	Grad.		Columbia	Boone.
Jordan, James Glenn	Arts.	Soph.	Columbia	Boone.
Jordan, Marjorie Gladys	Arts.	Fr.	Columbia	Boone.
Jordon, Lawrence O.	Agr.	N. C.	Wheatland	Hickory.



Name	Division	Class	Postoffice	County
Jordon, Paul Albert.	Arts.	Fr.	Kansas City.	Jackson.
Jordon, Ralph Alexander.	Arts.	Fr.	Parma.	New Madrid.
Jordon, Ruel Hugh.	Eng.	Soph.	Columbia.	Boone.
Joslyn, Emily Browning.	Arts.	Fr.	Charleston.	Mississippi.
Joslyn, Floy.	Educ.	2nd Yr.	Charleston.	Mississippi.
Joslyn, Hope.	Educ.	2nd Yr.	Charleston.	Mississippi.
Joslyn, John William, A. B.	Educ.	2nd Yr.	Tarkio.	Atchison.
Joule, Clarence Walter.	Arts.	Soph.	Thayer.	Oregon.
Journey, Kathryn Jamison.	Educ.	2nd Yr.	Higginsville.	Lafayette.
Joyce, Bonnie.	Arts.	Fr.	Pattonsburg.	Harrison.
Judd, Alice.	Arts.	Fr.	St. Louis.	
Jurgensmeyer, Alvin Henry.	Law.	1st Yr.	New Truxton.	Warren.
Jumper, Ben A.	Jour.	Spec.	Caruthersville.	Pemiscot.
Kaeding, Herman J.	Agr.	N. C.	Bland.	Gasconade.
Kahler, William Valentine.	Eng.	Sr.	Mendon.	Chariton.
Kaiser, Flora.	Jour.	1st Yr.	St. Louis.	
Kansteiner, Herbert H.	Eng.	Fr.	St. Charles.	St. Charles.
Karachusky, Max.	Arts.	Soph.	Brookland, N. Y.	
Karls, Glenn E.	Agr.	Soph.	Columbia.	Boone.
Karsteter, Mrs. Anna Sievers.	Agr.	Fr.	St. Louis.	
Kassebaum, Leonard C.	B. & P. A.	1st Yr.	Kansas City.	Jackson.
Katt, Paul H.	Agr.	S. C.	Brazeau.	Perry.
Katz, David.	Eng.	Soph.	St. Louis.	
Katz, Sol.	Eng.	Soph.	St. Louis.	
Kaucher, Dorothy, A. B., B. S. in Ed., A. M.	Grad.		St. Joseph.	Buchanan.
Kauffman, Inez M.	Ed.	1st Yr.	Princeton.	Mercer.
Kealey, Robert Christopher.	Eng.	Jr.	Bevier.	Macon.
Kearney, Amy Lee Margaret.	Arts.	Fr.	Topeka, Kan.	
Kearney, James Robert, Jr.	Arts.	Fr.	Topeka, Kan.	
Keen, Victor.	Jour.	2nd Yr.	Pueblo, Colo.	
Keer, John Earl.	Arts.	Fr.	Marceline.	Linn.
Kehmer, Thomas W.	Educ.	1st Yr.	Steeleville.	Crawford.
Keirse, John Kellum.	{Arts. Law.	Sr. 1st Yr.	Hot Springs, Ark.	
Keiser, Edward H., Jr.	Arts.	Soph.	Clayton.	St. Louis.
Keiser, Stephen Harris.	Eng.	Sr.	Clayton.	St. Louis.
Keith, Elmer H.	Agr.	S. C.	Ash Grove.	Greene.
Keith, Mary E.	Educ.	2nd Yr.	Perryville.	Perry.
Keith, Mildred Vivian.	Arts.	Soph.	Leadwood.	St. Francois.
Keith, Paul Jennings.	Arts.	Fr.	Ironton.	Iron.
Keith, Virginia.	Jour.	1st Yr.	Vandalia.	Audrain.
Keller, Amelia.	Educ.	2nd Yr.	N. Kansas City.	Clay.
Keller, Andrew J.	Agr.	N. C.		
Keller, Charles Clifton.	Sr.		Columbia.	Boone.
Keller, Charles Walter, Jr.	Jour.	1st Yr.	Norborne.	Carroll.
Keller, Frances Louise.	Educ.	2nd Yr.	Columbia.	Boone.
Keller, George Benonia.	Agr.	Soph.	Columbia.	Boone.
Keller, Gordon.	Arts.	Fr.	Jonesboro, Ark.	
Keller, Kermit Samuel.	Arts.	Fr.	N. Kansas City.	Clay.
Keller, Kirk Lawson.	Agr.	Jr.	St. Louis.	
Keller, Mary Mae Belle.	Educ.	2nd Yr.	Columbia.	Boone.
Keller, Paul.	Agr.	Sr.	Jonesboro, Ark.	
Keller, Ralph.	Agr.	Soph.	Bowling Green.	Pike.
Keller, Walter David.	Arts.	Soph.	N. Kansas City.	Clay.
Kelley, J. Howard, Jr.	Arts.	Fr.	Palmyra.	Marion.
Kellohin, Robert Martin.	Arts.	Fr.	Roswell, N. M.	
Kellums, John.	Agr.	Spec.	Hendrickson.	Butler.
Kelly, Clement Tallon.	Eng.	Fr.	St. Louis.	
Kemp, Clarence Merle.	B. & P. A.	2nd Yr.	Hale.	Carroll.
Kemp, Lavenia B.	Educ.	1st Yr.	El Dorado Springs.	Cedar.
Kemper, Rena May.	Arts.	Soph.	Hallsville.	Boone.
Kemper, Richie.	Arts.	Fr.	Hallsville.	Boone.
Kemper, William Thornton, Jr.	Arts.	Soph.	Kansas City.	Jackson.
Kendall, Mildred E.	Arts.	Fr.	Poplar Bluff.	Butler.
Kendrick, Charles Baker.	Eng.	Soph.	Paris.	Monroe.
Kendrick, Mabel.	Educ.	1st Yr.	Paris.	Monroe.
Kendrick, Mamie.	Arts.	Spec.	Brunswick.	Chariton.
Kenley, John Herbert.	Arts.	Fr.	Milan.	Sullivan.
Kennedy, Clara Viola.	Agr.	Fr.	Bethany.	Harrison.
Kennedy, Harold D.	Arts.	Spec.	Ottawa, Kan.	
Kennedy, James Edwin.	Arts.	Soph.	Stewartsville.	Clinton.
Kennedy, Minnie Madeline.	{Arts. Educ.	Jr. 2nd Yr.		
Kennett, Charles Clark.	Arts.	Fr.	Eagleville.	Harrison.
Kenney, Frances.	Arts.	Fr.	Granger.	Scotland.
Kenney, LeRoy Linns.	Med.	1st Yr.	Kansas City.	Jackson.
Kensinger, Oliver Perry.	Arts.	Fr.	St. Joseph.	Buchanan.
Kenyon, Roy Gilbert.	Arts.	Soph.	Clinton.	Henry.
Keogh, Etheridge W.	Arts.	Fr.	Clinton.	Henry.
Kercheval, Robert Clinton.	Agr.	Sr.	St. Louis.	
Kearns, Harold Francis.	Eng.	Jr.	Elsberry.	Lincoln.
Kerr, Arnold Hall.	Arts.	Fr.	Springfield.	Greene.
			Laddonia.	Audrain.

Name	Division	Class	Postoffice	County
Kerr, Golder Francis, B. S. in Bus. Admin. ....	Arts. ....	Sr. ....	Gilliam. ....	Saline.
Kerr, Harly L. ....	Agr. ....	S. C. ....	Memphis. ....	Scotland.
Kerr, Lyman James. ....	Agr. ....	Jr. ....	Ozark. ....	Christian.
Kerr, Margaret Elizabeth. ....	Arts. ....	Jr. ....	Kennett. ....	Dunklin.
Kerr, Meredith L. ....	Agr. ....	S. C. ....	Kennett. ....	Dunklin.
Kerr, Sarah Katherine, B. S. in Ed. ....	Arts. ....	Sr. ....	Kahoka. ....	Clark.
Kershaw, Elmer Herman. ....	Agr. ....	Sr. ....	St. Louis. ....	
Kertz, Leo V. ....	Agr. ....	S. C. ....	Bloomdsdale. ....	S. Genevieve.
Kessler, Gustave F. ....	Agr. ....	S. C. ....	St. Louis. ....	
Kesterson, Erma Grace. ....	Arts. ....	Jr. ....	Columbia. ....	Boone.
Kesterson, Max Montreville. ....	Jour. ....	2nd Yr. ....	Princeton. ....	Mercer.
Ketchum, Clinton O. ....	Agr. ....	N. C. ....	Memphis. ....	Scotland.
Ketchum, Frank Washington. ....	Agr. ....	Sr. ....	Columbia. ....	Boone.
Keyes, Russell Theron. ....	Arts. ....	Soph. ....	Jefferson City. ....	Cole.
Keyser, Thomas Maxey. ....	Agr. ....	Jr. ....	Nevada. ....	Vernon.
Keyte, John Allen. ....	Grad. ....		Colorado Springs, Colo. ....	
Kibler, Hudson H. ....	Eng. ....	Fr. ....	Eldorado Springs. ....	Cedar.
Kidd, Florence. ....	Educ. ....	2nd Yr. ....	Corder. ....	Lafayette.
Kidwell, Anna. ....	Arts. ....	Spec. ....	Versailles. ....	Morgan.
Kieffer, Alonzo Rouse, Jr. ....	Agr. ....	Sr. ....	St. Louis. ....	
Kieffer, William T. ....	Agr. ....	Soph. ....	St. Louis. ....	
Kieffner, John. ....	Arts. ....	Fr. ....	Perryville. ....	Perry.
Kiernan, Bettie. ....	Educ. ....	Spec. ....	Huntsville. ....	Randolph.
Kiesling, Paul William. ....	Eng. ....	Soph. ....	Tipton. ....	Moniteau.
Kiess, Lillian. ....	Arts. ....	Soph. ....	St. Louis. ....	
Kilby, Oma. ....	Arts. ....	(Soph. Nurse. ....	Curryville. ....	Pike.
Kile, Charles B. ....	Agr. ....	S. C. ....	Noel. ....	McDonald.
Killam, Tully Bernard. ....	(Arts. B. & P. A. ....	Soph. .... 1st Yr. ....	Laredo, Texas. ....	
Killion, John Jackson. ....	Arts. ....	Soph. ....	Portageville. ....	New Madrid.
Kimball, Helen Enid. ....	Arts. ....	Fr. ....	Nodesha, Kan. ....	
Kimbley, Leta. ....	Arts. ....	Soph. ....	Novelty. ....	Knox.
Kincaid, Edna Ruth. ....	Educ. ....	2nd Yr. ....	Lathrop. ....	Clinton.
Kincaid, Russell G. ....	Eng. ....	Jr. ....	Polo. ....	Caldwell.
Kindell, Ann Marie. ....	Arts. ....	Fr. ....	Ironton. ....	Iron.
Kindell, Byron Fredrick. ....	Eng. ....	Soph. ....	Ironton. ....	Iron.
King, Allie Acklin. ....	Educ. ....	Spec. ....	Alton. ....	Oregon.
King, Bascon M., B. S. in Agr. ....	Grad. ....		Columbia. ....	Boone.
King, Clyde. ....	Arts. ....	Soph. ....	Bynumville. ....	Charlton.
King, Everett L. ....	Arts. ....	Fr. ....	Campbell. ....	Dunklin.
King, Henry Mason. ....	Arts. ....	Sr. ....	Lee's Summit. ....	Jackson.
King, James Frazier. ....	Arts. ....	Fr. ....	Maitland. ....	Holt.
King, Jessica Talbot. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
King, Julia Margaret. ....	Arts. ....	Sr. ....	Springfield. ....	Greene.
King, Mrs. Pauline Cook. ....	Agr. ....	Spec. ....	Columbia. ....	Boone.
King, Ralph Cornwell. ....	Agr. ....	N. C. ....	Stockton. ....	Cedar.
King, William Gibbons. ....	Agr. ....	Spec. ....	Columbia. ....	Boone.
Kingsbury, William Wallace. ....	Jour. ....	1st Yr. ....	Boonville. ....	Cooper.
Kinkade, Barnett Neff. ....	Arts. ....	Fr. ....	Pattonsburg. ....	Daviess.
Kinkade, Bert Leroy. ....	Arts. ....	Sr. ....	Columbia. ....	Boone.
Kinkade, Hiram J. ....	Eng. ....	Fr. ....	Columbia. ....	Boone.
Kinkade, Kennish C. ....	Arts. ....	Soph. ....	Coffey. ....	Daviess.
Kinney, Robert Miller. ....	Eng. ....	Jr. ....	Memphis. ....	Scotland.
Kinsella, Margaret Mary. ....	Arts. ....	Fr. ....	Kirkwood. ....	St. Louis.
Kinsella, Raymond Steven. ....	Arts. ....	Fr. ....	Kirkwood. ....	St. Louis.
Kinsloe, George West. ....	Arts. ....	Fr. ....	Chicago, Ill. ....	
Kinsman, Frances Helen. ....	Arts. ....	Soph. ....	St. Louis. ....	
Kinyon, Jewel Ann. ....	Arts. ....	Fr. ....	Clinton. ....	Henry.
Kious, Lee. ....	Arts. ....	Soph. ....	Kahoka. ....	Clark.
Kircher, William Henry. ....	Agr. ....	Fr. ....	Quincy, Ill. ....	
Kirchner, Helen Rosamonde. ....	Arts. ....	Fr. ....	Clayton. ....	St. Louis.
Kirkwood, William Paul, A. B. (Macelester Col., Minn.) ....	Grad. ....		St. Paul, Minn. ....	
Kirtley, Naomi. ....	(Arts. Educ. ....	Jr. .... 1st Yr. ....	Vandalia. ....	Audrain.
Kistenmascher, Charles F. ....	Arts. ....	Fr. ....	St. Louis. ....	
Kistler, Gladys Essilee. ....	Arts. ....	Fr. ....	Mexico. ....	Audrain.
Kitchen, J. Barry. ....	Agr. ....	Fr. ....	Tulsa, Okla. ....	
Kitchen, William Anthony. ....	Law. ....	2nd Yr. ....	Rolla. ....	Phelps.
Kittel, Daniel. ....	Arts. ....	Spec. ....	St. Louis. ....	
Kizer, Clarence W. ....	Arts. ....	Soph. ....	Mattoon, Ill. ....	
Klausner, Rae A. ....	Jour. ....	2nd Yr. ....	St. Louis. ....	
Kleman, Hulda. ....	Agr. ....	Spec. ....	Stotts City. ....	Lawrence.
Kleaman, Willie C. ....	Agr. ....	S. C. ....	Stotts City. ....	Lawrence.
Klien, Elsa Canmann. ....	Arts. ....	Sr. ....	Appleton City. ....	St. Clair.
Klein, Gay Tetley. ....	Agr. ....	Jr. ....	Farmington. ....	St. Francois.
Klein, Henry Ruphert. ....	Agr. ....	Jr. ....	Queen City. ....	Schyuler.
Klein, Norman E. ....	Agr. ....	Fr. ....	Clayton. ....	St. Louis.
Kleissle, William. ....	Arts. ....	Fr. ....	Webster Groves. ....	St. Louis.
Klemme, Arnold W. ....	Agr. ....	Spec. ....	Gerald. ....	Franklin.

Name	Division	Class	Postoffice	County
Klewer, Edward Charles.....	Arts.....	Fr.....	Dewey, Okla.....	
Kline, Verna E.....	{Arts.....	Sr.....		
	{Educ.....	2nd Yr.	Maysville.....	DeKalb.
Klingler, Conrad Philip.....	Arts.....	Spec...	New York City....	
Klingner, Mary Louise, B. S. in Ed.	Grad.....		Fair Grove.....	Greene.
Klinkerfuss, George Henry, A. B.....	{Med.....	2nd Yr.		
	{Grad.....		Clayton.....	St. Louis.
Klutz, Harry Lawson.....	Agr.....	Soph...	Clinton.....	Henry.
Kneibert, Fred Louis.....	Arts.....	Fr.....	Malden.....	Dunklin.
Kneisley, Sallie Rollins.....	Educ.....	Spec...	Columbia.....	Boone.
Knerr, Barclay C.....	Eng.....	Sr.....	Kansas City.....	Jackson.
Knight, Helen.....	Educ.....	2nd Yr.	Memphis.....	Scotland.
Knight, John Swamm.....	{Arts.....	Sr.....		
	{Med.....	2nd Yr.	Kansas City.....	Jackson.
Knight, Ruth.....	Arts.....	Fr.....	Memphis.....	Scotland.
Knipmeyer, Elmer L.....	Agr.....	Jr.....	Alma.....	Lafayette.
Knotts, Charles Russell, B. S. in Agr.	Agr.....	Spec...	Kahoka.....	Clark.
Knox, Marietta.....	Arts.....	Soph...	Brazeau.....	Perry.
Knox, William Floyd, B. S. (Drury College)	Grad.....		Willard.....	Greene.
Kobs, Edna.....	Arts.....	Sr.....	Blackburn.....	Saline.
Kock, Ella Louise.....	Arts.....	Soph...	St. Louis.....	
Kock, Gustave.....	Agr.....	N. C.	Shattuck, Okla...	
Koenig, Henry T., B. S (Univ. of Pittsburg)	Grad.....		Denver, Colo.....	
Koester, Oliver Wortman.....	Eng.....	Jr.....	Florissant.....	St. Louis.
Kohler, Lucille T.....	Arts.....	Sr.....	St. Joseph.....	Buchanan.
Kohn, Sol S.....	Eng.....	Soph...	St. Louis.....	
Kohner, Edward Henry.....	Educ.....	Spec...	Jefferson City.....	Cole.
Koontz, Ophelia Frances.....	Educ.....	1st Yr.	Richards.....	Vernon.
Kopplin, David Goodwin.....	Arts.....	Fr.....	Webster Goves....	St. Louis.
Kopplin, Thomas.....	Arts.....	Soph...	St. Louis.....	
Korinik, Zora.....	Arts.....	Soph...	St. Louis.....	
Koslosky, Isidor Dewey.....	{Arts.....	Sr.....		
	{Med.....	1st Yr.	Kansas City.....	Jackson.
Kovitz, Louis.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Krahn, Gladys Dorothy.....	Arts.....	{Fr.....		
		{Nurse.	Dundee, Ill.....	
Kramer, Irma.....	Arts.....	Sr.....	St. Louis.....	
Krapp, Isidor.....	Med.....	1st Yr.	Brooklyn, N. Y....	
Krause, Charles Henry.....	Arts.....	Jr.....	St. Louis.....	
Krause, Chester T.....	Jour.....	1st Yr.	Flandreau, S. D...	
Krause, George Lynn.....	Med.....	1st Yr.	Eureka.....	St. Louis.
Krause, Horace Clarke.....	Arts.....	Fr.....	St. Louis.....	
Krechel, Henry.....	Agr.....	Spec...	Florissant.....	St. Louis.
Kriege, Herbert Frick, B. S., (Central Wesleyan Col- lege)	Grad.....		Warrenton.....	Warren.
Krieger, Albert William.....	Arts.....	Fr.....	DeSoto.....	Jefferson.
Kriesky, George John.....	Eng.....	Fr.....	St. Louis.....	
Kroll, Louis T.....	Agr.....	S. C.	Jefferson City.....	Cole.
Krueger, Clara Emma.....	Educ.....	2nd Yr.	Cape Girardeau....	C. Girardeau
Krueger, Frederick Doyle.....	Arts.....	Jr.....	Shelbina.....	Shelby.
Krueger, Harold Charles.....	Eng.....	Fr.....	Ashton.....	Clark.
Krueger, Maynard Clare.....	Agr.....	Fr.....	Ashton.....	Clark.
Kulkarni, Chandrakant Gana- pahao.....	Agr.....	Soph...	Kakti, India.....	
Kummer, Lorraine A.....	Jour.....	Spec...	St. Louis.....	
Kummermehr, Henry A.....	Agr.....	N. C.	St. Louis.....	
Kunkel, Charles D.....	B. & P. A.	Spec...	Columbia.....	Boone.
Kunkel, Ira E.....	Agr.....	Sr.....	Mexico.....	Audrain.
Kunkler, H. Homer.....	B. & P. A.	1st Yr.	Clinton.....	Henry.
Kuntz, John Frederick.....	Arts.....	Sr.....	St. Louis.....	
Kunze, Marie Henriette.....	Arts.....	Fr.....	McGirk.....	Moniteau.
Kurtz, Alice.....	Educ.....	1st Yr.	Richmond Hts....	St. Louis.
Kyle, James Madison, Jr.....	Arts.....	Soph...	Columbia.....	Boone.
Kyle, Jeff.....	Arts.....	Soph...	Columbia.....	Boone.
LaBrunerie, Walker.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
LaCaff, Lucille.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Lacey, Annabel.....	Agr.....	Sr.....	Smithton.....	Pettis.
Lacey, Lena May.....	Arts.....	Sr.....	Smithton.....	Pettis.
LaCossitt, Henry D.....	Jour.....	1st Yr.	Hannibal.....	Marion.
Lacy, James Jordan.....	Agr.....	Fr.....	Kansas City.....	Jackson.
Lacy, Louise Churchill, A. B.	Grad.....		St. Joseph.....	Buchanan.
Ladinsky, Nathan.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Laefsky, Abraham.....	Eng.....	Soph...	New York City....	
LaFolier, Forest L.....	Arts.....	Jr.....	Miami, Okla.....	
LaFerty, Albert Jett.....	B. & P. A.	1st Yr.	Louisiana.....	Pike.
LaForce, Mrs. Linnie.....	Educ.....	Spec...	Centralia.....	Boone.
Lages, Adolphus Noah.....	Arts.....	Soph...	Lutesville.....	Bollinger.
Lahmeyer, Frank Walter.....	Agr.....	S. C.	Bland.....	Gasconade.
Lake, Elizabeth.....	Arts.....	Fr.....	Atchison, Kan.....	



Name	Division	Class	Postoffice	County
Lake, Winfred.....	Arts.....	Sr.....	DeQueen, Ark.....	
Lakeman, James M.....	Agr.....	S. C.....	Perryville.....	Perry.
Lam, Robert.....	Eng.....	Sr.....	St. Louis.....	
Lambert, Mrs. Grace Fenton.....	Arts.....	Fr.....	Columbia.....	Boone.
Lambert, Jesse Marion.....	Agr.....	Spec.....	Clinton.....	Henry.
Lambert, Otis E.....	Eng.....	N. C.....	Kansas City.....	Jackson.
Lamon, Helen.....	Arts.....	Fr.....	Wagoner, Okla.....	
Lamon, Katherine.....	Arts.....	Soph.....	Wagoner, Okla.....	
Lamon, Malvina.....	Arts.....	Sr.....	Wagoner, Okla.....	
Lancaster, Hazel Eileen.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Land, Melvin S.....	Arts.....	Soph.....	Washington, D. C.....	
Landan, Argo E.....	Eng.....	Fr.....	St. Louis.....	
Lander, Kenneth Major.....	B. & P. A.....	1st Yr.....	Sedalia.....	Pettis.
Landis, Ann Willie.....	Educ.....	1st Yr.....	Hannibal.....	Marion.
Landis, Harry Richard.....	Arts.....	Sr.....	Hannibal.....	Marion.
Landis, John Christopher, III.....	Arts.....	Soph.....	St. Joseph.....	Buchanan.
Landis, Louis Evans.....	Educ.....	2nd Yr.....	Cassville.....	Barry.
Landis, Lula P.....	Arts.....	Fr.....	Hannibal.....	Marion.
Landreth, Retha W.....	Educ.....	1st Yr.....	Marceline.....	Linn.
Landrum, Carl Richmond.....	Law.....	2nd Yr.....	Mt. View.....	Howell.
Lane, Clive R.....	Jour.....	1st Yr.....	Neosho.....	Newton.
Lane, John Parke.....	{Arts.....	Jr.....		
	{B. & P. A.....	1st Yr.....	Paris.....	Monroe.
Lang, Beulah Elizabeth.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Langan, William Emmet.....	Arts.....	Sr.....	St. Louis.....	
Langdon, Elmer James.....	Agr.....	Soph.....	Hornersville.....	Dunklin.
Lange, Dewey Kiepe.....	Agr.....	Sr.....	St. Louis.....	
Langford, William Percy.....	Eng.....	N. C.....	Urich.....	Henry.
Langston, William Carroll.....	Arts.....	Soph.....	Bower Mills.....	Lawrence.
LaNier, Robert Edward.....	Eng.....	Soph.....	Columbia.....	Boone.
Lanners, Barney W.....	Eng.....	N. C.....		
Lansing, Jessie.....	Arts.....	Soph.....	Columbia.....	Boone.
Lapp, Harry Clemens.....	{Arts.....	Sr.....		
	{Med.....	2nd Yr.....	Kansas City.....	Jackson.
Lappin, John Curtis, A. B. (Phillips Univ.).....	Grad.....		Enid, Okla.....	
Lappin, Mrs. Valeria Pearl, A. B. (Phillips Univ.).....	Grad.....		Enid, Okla.....	
Larkin, Bertha Sue.....	Arts.....	Spec.....	Waverly.....	Lafayette.
Larkin, Ethel Mae.....	Arts.....	Fr.....	Webster Groves.....	St. Louis.
Larmore, Robert McMahan.....	Agr.....	Spec.....		
Lattimore, Mrs. Helen H.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Lattimore, Julian Miller.....	Agr.....	S. C.....	Ferguson.....	St. Louis.
Lattimore, Malcolm Stockton.....	Eng.....	Sr.....	Ferguson.....	St. Louis.
Lauderdale, Irwing J.....	Jour.....	1st Yr.....	Chula.....	Livingston.
Lauf, Hubert P.....	Law.....	1st Yr.....	Osage.....	Cole.
Laughlin, Rutherford J.....	Agr.....	Fr.....	Rich Hill.....	Bates.
Laumann, Chris.....	Agr.....	S. C.....	West Borough.....	Atchison.
Laurenzana, Frank P.....	{Arts.....	Sr.....		
	{Med.....	2nd Yr.....	Kansas City.....	Jackson.
	{Law.....	2nd Yr.....		
	{Arts.....	Soph.....	Iberia.....	Miller.
Law, Edward Henry.....	Agr.....	N. C.....	Ozark.....	Christian.
Lawing, P. D.....				
Lawrence, Bertram Isaac, B. S. in Ed.....	Grad.....		Bowling Green.....	Pike.
Lawrence, Mrs. Harriet D.....	Educ.....	1st Yr.....	Columbia.....	Boone.
Laws, Berry Floyd.....	Arts.....	Fr.....	Bunceton.....	Cooper.
Laws, James Aubrea.....	Arts.....	Fr.....	Bunceton.....	Cooper.
Lawson, Elizabeth Coleman.....	Educ.....	1st Yr.....	Breckenridge.....	Davies.
Lawson, Nancy.....	Educ.....	1st Yr.....	Liberty.....	Clay.
Layson, James Thomas.....	Law.....	2nd Yr.....	Trenton.....	Grundy.
Lazarte, Thomas.....	Arts.....	Soph.....	Santa Rosa, P. I.....	
Lazarus, Hannah Henrietta.....	{Jour.....	1st Yr.....		
	{Arts.....	Jr.....	St. Louis.....	
Leach, J. A., B. S. (Central State Teachers College).....	Grad.....		Otterville.....	Cooper.
Leake, E. Henrietta.....	Arts.....	Jr.....	Pierce City.....	Lawrence.
Leake, Sylvia Marie.....	Arts.....	Fr.....	Center.....	Ralls.
Leathers, Alexander Franklin.....	Agr.....	Fr.....	St. Louis.....	
Leathers, Robert William.....	B. & P. A.....	2nd Yr.....	Carterville.....	Jasper.
Leavel, Willard H.....	Eng.....	Soph.....	Kansas City.....	Jackson.
Leaver, Theodore H.....	Eng.....	Soph.....	Steelville.....	Crawford.
LeBolt, David Levy.....	B. & P. A.....	1st Yr.....	Springfield.....	Greene.
LeBrecht, Gould S.....	Arts.....	Fr.....	Kansas City.....	Jackson.
LeCrone, George Montgomery, Jr.....	Jour.....	2nd Yr.....	Effingham, Ill.....	
Ledford, Howard Elliott.....	Arts.....	Spec.....	St. Joseph.....	Buchanan.
Lee, Ada Foster.....	Arts.....	Fr.....	Chillicothe.....	Livingston.
Lee, Benton M.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Lee, Harry Lightfoot.....	Agr.....	Soph.....	Charleston.....	Mississippi.
Lee, Kan.....	{Arts.....	Sr.....		
	{Jour.....	2nd Yr.....	Pekin, China.....	
Lee, Mon.....	Arts.....	Fr.....	Pekin, China.....	
Leech, Esther Gladys.....	Arts.....	Fr.....	New Franklin.....	Howard.
Leech, Verna.....	Arts.....	Fr.....	New Franklin.....	Howard.

Name	Division	Class	Postoffice	County.
Leeds, Leon L. ....	Eng. ....	Sr. ....	Kansas City ....	Jackson.
Leedy, Kathleen. ....	Arts. ....	Sr. ....	Kansas City ....	Jackson.
Lefholtz, W. Rothwell. ....	{Grad. ....			
	{Med. ....	2nd Yr.	Oak Grove. ....	Jackson.
Leggett, George Russell. ....	Arts. ....	Fr. ....	Bismarck. ....	St. Francois.
Leggett, Joseph Palmer. ....	Arts. ....	Fr. ....	Carthage. ....	Jasper.
LeHew, Charles Howard. ....	Agr. ....	Jr. ....	Trenton. ....	Grundy.
LeHew, Edith Louisa. ....	Arts. ....	Fr. ....	Trenton. ....	Grundy.
Lehman, Elvin Roy. ....	Arts. ....	Fr. ....	Fortuna. ....	Moniteau.
Lehman, Isidor J. ....	{Arts. ....	Sr. ....		
	{Med. ....	2nd Yr.	Columbia. ....	Boone.
Leibovich, Clara. ....	Arts. ....	Fr. ....	St. Louis. ....	
Leibovich, Goldie. ....	Arts. ....	Fr. ....	St. Louis. ....	
LeMert, Charles Towney. ....	Agr. ....	Sr. ....	Columbia. ....	Boone.
LeMert, Frank LeRoy. ....	Agr. ....	Fr. ....	Harrisburg. ....	Boone.
LeMert, Harold W. ....	Eng. ....	Soph. ....	Columbia. ....	Boone.
LeMert, Helen. ....	Agr. ....	Jr. ....	Columbia. ....	Boone.
LeNart, Edna Marie. ....	Arts. ....	Spec. ....	Columbia. ....	Boone.
Lenger, William Paul. ....	Agr. ....	N. C. ....	Dexter. ....	Stoddard.
Lenoir, Mrs. James O. ....	Educ. ....	Spec. ....	Fulton. ....	Callaway.
Lenox, Ruth Edna. ....	Educ. ....	1st Yr. ....	Independence. ....	Jackson.
Leonard, Albert Hiram. ....	Agr. ....	Jr. ....	Deerfield. ....	Vernon.
Leonard, Elizabeth Rose. ....	Jour. ....	2nd Yr. ....	Kansas City ....	Jackson.
Leonilla, Sister Martina R. ....	Arts. ....	Spec. ....	St. Louis. ....	
Leopard, Buel, B. S. in Ed., A. M. ....	Grad. ....		Gallatin. ....	Daviess.
LeRoy, Royce Harold. ....	Arts. ....	Sr. ....	Carterville. ....	Jasper.
Leslie, Charles Harold. ....	Arts. ....	Fr. ....	Jefferson City ....	Cole.
Leslie, Clarke Edgar. ....	Agr. ....	Fr. ....	Jefferson City ....	Cole.
Leslie, John Jackson. ....	Eng. ....	Jr. ....	Jefferson City ....	Cole.
Leslie, Leta Irene. ....	Arts. ....	Soph. ....	Jefferson City ....	Cole.
Leslie, Wade Lyman. ....	Arts. ....	Fr. ....	Syracuse. ....	Morgan.
Lester, Ralph R. ....	Agr. ....	Soph. ....	Columbia. ....	Boone.
Letson, Orrin Wolcott, B. S. in Agr. ....	Grad. ....		Columbia. ....	Boone.
Letts, Martha Louise, B. S. in Ed. ....	Grad. ....		Sedalia. ....	Pettis.
Letts, Willis Jackson. ....	B. & P. A. ....	2nd Yr. ....	Sedalia. ....	Pettis.
Letusley, James Howard. ....	Eng. ....	Fr. ....	Huntsville. ....	Randolph.
Levi, J. Melvin. ....	Arts. ....	Sr. ....	St. Louis. ....	
Levin, Ruth. ....	Jour. ....	2nd Yr. ....	St. Joseph. ....	Buchanan.
Levine, George. ....	Arts. ....	Fr. ....	Brooklyn, N. Y. ....	
Levy, Samuel Meyer. ....	Arts. ....	Soph. ....	Henderson, Ky. ....	
Lewis, Annie Elizabeth. ....	Arts. ....	Soph. ....	Columbia. ....	Boone.
Lewis, Charles Henry. ....	B. & P. A. ....	2nd Yr. ....	Little Rock, Ark. ....	
Lewis, Charles Lyman. ....	Arts. ....	Sr. ....	Kansas City ....	Jackson.
Lewis, Mrs. Charles Lyman, A. B. ....	Grad. ....		Columbia. ....	Boone.
Lewis, Elizabeth Virginia. ....	Arts. ....	Fr. ....	St. Louis. ....	
Lewis, Harry. ....	B. & P. A. ....	2nd Yr. ....	Excelsior Springs. ....	Clay.
Lewis, James Boyd. ....	Arts. ....	Fr. ....	Hopkins. ....	Nodaway.
Lewis, Jerry Melvin. ....	Agr. ....	Fr. ....	Newton. ....	Sullivan.
Lewis, John Rhodes, Jr. ....	{Arts. ....	Sr. ....		
	{Med. ....	2nd Yr. ....	St. Joseph. ....	Buchanan.
Lewis, John Virgil. ....	Arts. ....	Fr. ....	Excelsior Springs. ....	Clay.
Lewis, Loren Truman. ....	Arts. ....	Spec. ....	Newtown. ....	Sullivan.
Lewis, Mrs. Margaret Prather. ....	Educ. ....	Spec. ....	Columbia. ....	Boone.
Lewis, Marshall V. ....	Eng. ....	Soph. ....	Knox City. ....	Knox.
Lewis, Oma Jane. ....	Arts. ....	Fr. ....	Stanberry. ....	Gentry.
Lewis, Owen Thomas. ....	Law. ....	4th Yr. ....	St. Louis. ....	
Lewis, Ruth. ....	Agr. ....	Spec. ....	Dover. ....	Lafayette.
Lewis, Zilpha Ludell. ....	Arts. ....	Fr. ....	Newtown. ....	Sullivan.
Lewis, William Edwin. ....	Arts. ....	Soph. ....	Kansas City ....	Jackson.
Leyser, Frank. ....	Agr. ....	N. C. ....		
Libbey, Donald Smith, B. S. in Bus. Admin. ....	Grad. ....		Central. ....	Boone.
Liebst, Anna Ruth. ....	Educ. ....	2nd Yr. ....	Kansas City ....	Jackson.
Liggett, Reece. ....	Agr. ....	N. C. ....	Stanberry. ....	Gentry.
Lightburne, William Ross. ....	Eng. ....	Fr. ....	Kansas City ....	Jackson.
Lightfoot, Annabel. ....	Arts. ....	Fr. ....	Fayette. ....	Howard.
Ligon, Robert A. ....	Jour. ....	Spec. ....	Carlisle, Ark. ....	
Lijanco, Manuel. ....	Arts. ....	Fr. ....	Santa Rosa, P. I. ....	
Lile, Edgar Jennings. ....	Agr. ....	Soph. ....	Queen City. ....	Schuyler.
Limerick, Paul Stuart. ....	Law. ....	3rd Yr. ....	Savannah. ....	Andrew.
Limerick, Paul Willard. ....	Arts. ....	Fr. ....	Savannah. ....	Andrew.
Limerick, Susan Dorothy. ....	Arts. ....	Soph. ....	Savannah. ....	Andrew.
Limerick, Trubey Lee. ....	Educ. ....	Spec. ....	Columbia. ....	Boone.
Limpus, Beulah B. ....	Arts. ....	Jr. ....	Kansas City ....	Jackson.
Lincoln, Allen George. ....	Arts. ....	Jr. ....	Webster Groves. ....	St. Louis.
Lindsay, Edward Donald. ....	B. & P. A. ....	1st Yr. ....	St. Joseph. ....	Buchanan.
Lindsay, Elizabeth W. ....	Arts. ....	Jr. ....	Columbia. ....	Boone.
Lindsay, Ernest Harper. ....	B. & P. A. ....	1st Yr. ....	St. Joseph. ....	Buchanan.
Lindsay, Nellie. ....	Arts. ....	Spec. ....	Gilman. ....	Harrison.
Lindsay, Ruth Hutchison, A. B. (Wellesley College) ....	Grad. ....		Milwaukee, Wis. ....	

Name	Division	Class	Postoffice	County
Lindsay, Samuel Thompson, A. B.	{Med. . . . . {Grad. . . . .	2nd Yr.	Columbia. . . . . Princeton. . . . .	Boone. Mercer.
Lindsey, Earl	Eng. . . . .	N. C.	St. Louis.	
Lindsey, Florence Edna	Educ. . . . .	2nd Yr.	St. Louis.	
Linenweber, William S.	Agr. . . . .	N. C.	St. Louis.	
Lingsweiler, John Wallace	Eng. . . . .	Sr.	Richland.	Pulaski.
Linney, Ralph W.	Eng. . . . .	Jr.	Platte City.	Platte.
Linthacum, Mark	Agr. . . . .	Fr.	Bethany.	Harrison.
Linthacum, Ruth Lee	Arts. . . . .	Fr.	Bethany.	Harrison.
Lintner, Wilder A.	Arts. . . . .	Fr.	Green City.	Sullivan.
Linton, James Harold	Law. . . . .	Spec.	Joplin.	Jasper.
Lippman, Cyrus Charles	Agr. . . . .	Fr.	Ferguson.	St. Louis.
Lips, Edwin A.	Agr. . . . .	Fr.	Clayton.	St. Louis.
Lipsett, Edward Maurice	{Arts. . . . . {Med. . . . .	Jr. 1st Yr.	New York City.	
Liter, Calvin Pollard	Jour. . . . .	2nd Yr.	Center.	Ralls.
Liter, Elva Lora	Arts. . . . .	Fr.	Center.	Ralls.
Little, Mason Evans, B. S. in Ed.	Arts. . . . .	Sr.	Columbia.	Boone.
Littlepage, Vienna	Arts. . . . .	Fr.	Perry.	Ralls.
Livesay, Eva H.	Educ. . . . .	2nd Yr.	Oak Grove.	Jackson.
Livesay, Strother E.	Agr. . . . .	S. C.	Independence.	Jackson.
Livingston, Lewis Max	Arts. . . . .	Fr.	Mountain Grove.	Wright.
Lloyd, Edward Saunders	Grad. . . . .		St. Louis.	
Lloyd, Hiram, Jr.	Eng. . . . .	Fr.	St. Louis.	
Lobaugh, Minnie Irene	Arts. . . . .	Jr.	Clifton.	Henry.
Lobban, Albert A.	Arts. . . . .	Fr.	Warrensburg.	Johnson.
LoBuono, Anna	Arts. . . . .	Soph.	St. Louis.	
Lock, Thomas N.	Arts. . . . .	Soph.	Barry, Ill.	
Lockwood, Clarence Dodds	Eng. . . . .	Jr.	Tulsa, Okla.	
Lockwood, Luther Edward	Eng. . . . .	Jr.	Linn.	Osage.
Loeb, Benjamin Marx	B. & P. A.	1st Yr.	St. Louis.	
Loeblein, Clifford Carl	Agr. . . . .	Spec.	St. Louis.	
Loest, Carl A. W.	Agr. . . . .	Fr.	King City.	Gentry.
Lofland, Ralph Francis	Eng. . . . .	Sr.	Peculiar.	Cass.
Logan, Bess Jane	Jour. . . . .	1st Yr.	Austin, Texas.	
Logan, Dorothy	Educ. . . . .	1st Yr.	Columbia.	Boone.
Logan, Edgar Harbaugh	Eng. . . . .	Soph.	Columbia.	Boone.
Logan, Jean	Arts. . . . .	Soph.	Columbia.	Boone.
Logan, Mrs. John Thomas	Arts. . . . .	Spec.	Columbia.	Boone.
Logan, Leon H.	B. & P. A.	1st Yr.	Hurley.	Stone.
Logsdon, Edwin James	Eng. . . . .	Fr.	Bethany.	Harrison.
Lohman, Margaret H.	Jour. . . . .	2nd Yr.	Jefferson City.	Cole.
Lokecz, Samuel	Arts. . . . .	Soph.	New York City.	
Lomax, Laura Alice	Arts. . . . .	Fr.	Sumner.	Chariton.
Long, Anderson Gibson	Eng. . . . .	Fr.	Lees Summit.	Jackson.
Long, Charles Luther	Arts. . . . .	Soph.	Iberia.	Miller.
Long, Eleanor M.	Arts. . . . .	Sr.	St. Joseph.	Buchanan.
Long, Forrest Chambers	Arts. . . . .	Jr.	Princeton.	Mercer.
Long, George Baker	Agr. . . . .	Soph.	West Line.	Cass.
Long, Marshall Wayne	Arts. . . . .	Jr.	Sheridan.	Worth.
Long, Mildred Bode	Arts. . . . .	Sr.	St. Joseph.	Buchanan.
Long, W. Ellis	Arts. . . . .	Spec.	Mound City.	Holt.
Longan, Elizabeth W.	Arts. . . . .	Fr.	Kansas City.	Jackson.
Longfellow, Erskine Shearer, A. B., Ch. E.	Grad. . . . .		Kansas City.	Jackson.
Longmire, Harry Earl	Eng. . . . .	Jr.	Monroe City.	Monroe.
Longshore, Blanche	Educ. . . . .	2nd Yr.	Kansas City.	Jackson.
Lonsdale, Meron Bryant, A. B., B. S. in Ed.	Educ. . . . .	Spec.	Columbia.	Boone.
Loomis, Mary Lucille	Arts. . . . .	Soph.	Columbia.	Boone.
Loomis, Ralph, B. S. in Agr., A. M.	Grad. . . . .		Meadville.	Linn.
Lopez, Ernest A.	{Arts. . . . . {Med. . . . .	Jr. 2nd Yr.	Cochabamba, Bolivia.	
Losier, Brady Monroe, Jr.	Arts. . . . .	Soph.	Jefferson City.	Cole.
Lothian, Frances	Arts. . . . .	Fr.	Kansas City.	Jackson.
Lott, Paul Rector	Agr. . . . .	S. C.	Edgerton.	Platte.
Lott, Richard Vincent	Agr. . . . .	Soph.	Edgerton.	Platte.
Lott, William David	Arts. . . . .	Fr.	Kansas City.	Jackson.
Loucks, Ivan Lawton	Arts. . . . .	Fr.	Mound City.	Holt.
Loud, Gladys	Educ. . . . .	1st Yr.	New Madrid.	New Madrid.
Loud, Helen	Educ. . . . .	1st Yr.	New Madrid.	New Madrid.
Louden, Paul William	Arts. . . . .	Fr.	Boomer.	Linn.
Love, James Arthur	Agr. . . . .	Sr.	Queen City.	Schuyler.
Lovelace, Anna Leonore	Arts. . . . .	Fr.	Montgomery City.	Montgomery.
Low, Lawrence, Jr.	Arts. . . . .	Fr.	St. Louis.	
Lowe, Alexander	Agr. . . . .	S. C.	Knoblick.	St. Francois.
Lowe, Evert Noel	Agr. . . . .	N. C.	Minden, Neb.	
Lowe, John	Agr. . . . .	Jr.	Knoblick.	St. Francois.
Loery, Cecil	Eng. . . . .	N. C.	Latham.	Moniteau.
Lowrance, Charles Joseph	Agr. . . . .	Jr.	Memphis, Tenn.	
Ludemann, Florence A.	Arts. . . . .	Spec.	Sedalia.	Pettis.



Name	Division	Class	Postoffice	County
Ludlow, Helen Frances.....	Arts.....	Soph...	Kansas City.....	Jackson.
Lusk, Edward Franklin.....	Arts.....	Jr.....	Yankton, S. D.....	
Lusk, Robert D.....	Jour.....	1st Yr.....	Yankton, S. D.....	
Lusky, Peter P.....	Eng.....	Soph.....	Elizabeth, N. J.....	
Luter, Carter Wilkerson.....	(Arts.....	Sr.....		
	(Med.....	2nd Yr.....	Kennett.....	Dunklin.
Luther, Albert Leo.....	Arts.....	Soph.....	Memphis.....	Scotland.
Luttrell, Ruth Elizabeth.....	Arts.....	Fr.....	Blue Springs.....	Jackson.
Lutz, Herbert G.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Luyster, Roy Maurice.....	Agr.....	Soph.....	Linneus.....	Linn.
Lycan, Tohe Johnson.....	Arts.....	Spec.....	Quincy, Ill.....	
Lynch, Edward Clel, A. B., (Central College).....	Grad.....		Fayette.....	Howard.
Lynch, Francis Joseph.....	Eng.....	Soph.....	Holden.....	Johnson.
Lynch, James Carlyle.....	Arts.....	Spec.....	Boomer.....	Linn.
Lynch, Mrs. James Carlyle.....	Arts.....	Fr.....	Boomer.....	Linn.
Lynch, Lummie, A. B., B. S., in Ed.....	Arts.....	Spec.....	Robertsville.....	Franklin.
Lynn, Jack Thomas.....	Arts.....	Soph.....	St. Louis.....	
Lyon, Victor Herbert.....	Eng.....	Soph.....	Kansas City.....	Jackson.
Lyons, Charles Lee, Jr.....	Arts.....	Fr.....	Columbia.....	Boone.
Mabry, Robert Owen.....	Eng.....	Fr.....	Birmingham, Ala.....	
MacArthur, Helen Elizabeth.....	Arts.....	Jr.....	Albuquerque, N. M., St. Louis.....	
MacBride, Wallace D.....	Arts.....	Spec.....	St. Louis.....	
MacIntosh, Marion.....	Arts.....	Fr.....	Chicago, Ill.....	
MacIntosh, Mildred.....	Arts.....	Soph.....	Chicago, Ill.....	
Mack, Milton Turner.....	Arts.....	Fr.....	Paragould, Ark.....	
Mackey, Corinne G., A. B.....	Jour.....	2nd Yr.....	Kansas City.....	Jackson.
Mackey, Sally Mae.....	Arts.....	Jr.....	Nettleton.....	Caldwell.
Madden, Charles J.....	Eng.....	N. C.....		
Maddox, Congrieve Stauber.....	Agr.....	Fr.....	Linneus.....	Linn.
Maddox, Gerald Caton.....	Arts.....	Jr.....	Bucklin.....	Linn.
Maddux, William Paul.....	Arts.....	Fr.....	Buffalo.....	Dallas.
Maflry, Rachel.....	Arts.....	Fr.....	Macon.....	Macon.
Magee, Clare.....	Law.....	2nd Yr.....	Deaver, Wyo.....	
Magee, Herman J.....	B. & P. A.....	2nd Yr.....	New Hampton.....	Harrison.
Mahan, Frances.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
Mahnken, Albert.....	Agr.....	S. C.....	Mora.....	Benton.
Maize, Donna Valera.....	Arts.....	Soph.....	Bethany.....	Harrison.
Major, Carl Edward.....	Arts.....	Soph.....	Columbia.....	Boone.
Major, Howard Frederick.....	Law.....	3rd Yr.....	Columbia.....	Boone.
Major, Louise.....	Arts.....	Soph.....	St. Louis.....	
Makin, Clarence B.....	Agr.....	Spec.....	Union City, Tenn.....	
Mallalieu, William Cassell, A. B. (Johns Hopkins Univ.).....	Grad.....		Columbia.....	Boone.
Mallet, Russell Stewart.....	Law.....	1st Yr.....	Kirksville.....	Adair.
Mallinckrodt, Albert John.....	Eng.....	Sr.....	Augusta.....	St. Charles.
Mallinckrodt, Ewald T.....	Agr.....	Sr.....	Augusta.....	St. Charles.
Mandel, Charles.....	Arts.....	Soph.....	New York, N. Y.....	
Maness, Guy M.....	(Arts.....	Jr.....		
	(Med.....	1st Yr.....	Neosho.....	Newton.
Mangan, Horatio A.....	Arts.....	Jr.....	Bismarck.....	St. Francois.
Mangan, Noryne.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Manion, Catherine M., A. B., (Trinity College).....	Grad.....		St. Louis.....	
Manley, Margaret.....	Educ.....	1st Yr.....	Kansas City.....	Jackson.
Mann, Harry Lockridge.....	Jour.....	2nd Yr.....	Brunswick.....	Chariton.
Mann, Marion Robert.....	Arts.....	Sr.....	Gallatin.....	Daviess.
Mann, Mensel.....	Agr.....	S. C.....	LaBelle.....	Lewis.
Mann, Russell A.....	Arts.....	Fr.....	Clinton.....	Henry.
Mannschott, Charles Eugene.....	Arts.....	Fr.....	Peoria, Ill.....	
Mansfield, R. A.....	Eng.....	N. C.....	Columbia.....	Boone.
Mansur, Alfred Moody.....	Law.....	2nd Yr.....	Richmond.....	Ray.
Mantz, Dorothy.....	(Arts.....	Sr.....		
	(Educ.....	2nd Yr.....	West Plains.....	Howell.
Marbury, Virginia.....	Arts.....	Fr.....	Farmington.....	St. Francois.
Marbut, Helen.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Marbut, Theodore Fiske.....	Eng.....	Sr.....	Columbia.....	Boone.
Marbut, William Martin.....	Agr.....	Spec.....	Washington, D. C.....	
Merchant, Willie May.....	Educ.....	2nd Yr.....	Kansas City.....	Jackson.
Mareschel, Helen M.....	Educ.....	2nd Yr.....	St. Joseph.....	Buchanan.
Marfori, Vincente Rosendo.....	Jour.....	2nd Yr.....	Kalawang, P. I.....	
Margulis, Emanuelo S.....	Eng.....	Fr.....	St. Louis.....	
Marie, Sister Sylvia.....	Arts.....	Jr.....	St. Louis.....	
Maring, Homer Ferdinand.....	B. & P. A.....	1st Yr.....	Aullville.....	Lafayette.
Marken, Edith May.....	Jour.....	1st Yr.....	Hampton, Ia.....	
Markey, John Thomas.....	Agr.....	Fr.....	Caruthersville.....	Pemiscot.
Marks, Besse B.....	Jour.....	1st Yr.....	Kansas City.....	Jackson.
Marks, Joseph H.....	Arts.....	Fr.....	Joplin.....	Jasper.
Markt, Lloyd F.....	Agr.....	S. C.....	Oregon.....	Holt.
Marley, Harold Parsons.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Maron, Nathan C.....	Jour.....	1st Yr.....	Sioux City, Ia.....	
Marquis, Robert Houghton.....	Arts.....	Sr.....	Hamilton.....	Daviess.
Marr, Phillip Marvin.....	Law.....	3rd Yr.....	Columbia.....	Boone.
Marsalek, Charles William.....	Arts.....	Jr.....	St. Louis.....	

Name	Division	Class	Postoffice	County
Marseilles, Alice Adelia.....	{Arts.....	Sr.....		
Marsh, Albert Walter.....	{Jour.....	1st Yr..	Clinton.....	Henry.
Marsh, Ray Stanley, B. S. in	Agr.....	S. C.....	Holt.....	Clay.
Agr.....	Grad.....		Columbia.....	Boone.
Marshall, Aubrey Hammett..	B. & P. A.	2nd Yr..	Carthage.....	Jasper.
Marshall, Bonnie.....	Arts.....	Sr.....	Kansas City..	Jackson.
Marshall, Edith, B. S. (S. W.				
State Teachers College)...	Grad.....		Springfield..	Greene.
Marshall, Edmund.....	Arts.....	Soph.....	Kansas City..	Jackson.
Marshall, Flora Gaines.....	Arts.....	Soph.....	New Orleans, La..	
Marshall, Mary Allie.....	Arts.....	Jr.....	Carthage.....	Jasper.
Marshall, Robert E. Lee.....	Agr.....	Spec.....	Pilot Knob....	Iron.
Martin, Arthur Ellsworth, B.				
S. in Ed.....	Grad.....		Kansas City....	Jackson.
Martin, Forest Logan.....	{Arts.....	Sr.....		
	{Med.....	2nd Yr..	Eldorado Springs..	Cedar.
Martin, Gertrude Florence...	Arts.....	Soph.....	Lamar.....	Barton.
Martin, Giles Edward.....	{Arts.....	Sr.....		
	{Law.....	1st Yr..	Kansas City....	Jackson.
Martin, John T.....	Arts.....	Fr.....	Boonville.....	Cooper.
Martin, Lycia.....	Arts.....	Fr.....	Ravanna.....	Mercer.
Martin, Marlon Edward.....	Arts.....	Fr.....	Columbia.....	Boone.
Martin, Martha Maurine.....	Educ.....	1st Yr..	Moberly.....	Randolph.
Martin, Ruth.....	Educ.....	Spec.....	Fulton.....	Callaway.
Martin, T. T.....	Agr.....	S. C.....	Blackburn.....	Saline.
Martin, Virgil Bralley.....	Arts.....	Soph.....	Ava.....	Douglas.
Martyr, J. Leighton.....	Jour.....	2nd Yr..	Slater.....	Saline.
Marx, Harold B.....	Arts.....	Soph.....	Pawnee, Okla....	
Mason, Cloyd Alton.....	Eng.....	Sr.....	Elkins, W. Va....	
Mason, Esther M.....	Arts.....	Soph.....	Marceline.....	Linn.
Mason, Harold Emory.....	Agr.....	Sr.....	Marceline.....	Linn.
Mason, Hubert Reed, Jr.....	Arts.....	Fr.....	Marceline.....	Linn.
Mason, Gene W.....	Arts.....	Spec.....	St. Louis.....	
Massengale, George Pierce..	Arts.....	Sr.....	Webster Groves..	St. Louis.
Masters, George E.....	Arts.....	Jr.....	Spencer, S. D....	
Masters, Raymond H.....	Arts.....	Soph.....	Kansas City....	Jackson.
Mathers, Floyd E.....	Eng.....	Fr.....	Raymore.....	Cass.
Mathias, Henry Edwin.....	Arts.....	Soph.....	Moberly.....	Randolph.
Mathieson, Arthur Paul.....	Arts.....	Fr.....	Bosworth.....	Carroll.
Mathieson, Mabel E.....	Arts.....	Fr.....	Branson.....	Taney.
Matthews, Annie Laurie.....	Arts.....	Fr.....	Gower.....	Clinton.
Matthews, John S.....	Agr.....	Fr.....	Raymore.....	Cass.
Matthews, Paul Calvin.....	Arts.....	Jr.....	Monett.....	Barry.
Matthews, William Erwart, A.				
B. (Baylor Univ.).....	Grad.....		Plainview, Texas..	
Mattingly, H. Allin.....	Agr.....	Jr.....	Charleston.....	Mississippi.
Maughamer, Frederick H.....	Law.....	4th yr..	Savannah.....	Andrew.
Maughs, Virginia, A. B.....	Educ.....	2nd Yr..	Fulton.....	Callaway.
Maupin, Bob Nat.....	Arts.....	Fr.....	Shelbina.....	Shelby.
Maupin, Carey Judson.....	Agr.....	Soph.....	Eolia.....	Pike.
Maupin, Carman Jackson.....	Eng.....	Jr.....	Bloomfield.....	Stoddard.
Maupin, Lois.....	Arts.....	Soph.....	St. Joseph.....	Buchanan.
Maupin, Presley.....	Arts.....	Soph.....	Bloomfield.....	Stoddard.
Maupin, Wade William.....	Law.....	3rd Yr..	Carrollton.....	Carroll.
Maurer, Wesley H.....	{Jour.....	1st Yr..		
	{B. & P. A.	1st Yr..	Columbia.....	Boone.
Maurer, Mrs. Wesley H.....	Arts.....	Spec.....	Columbia.....	Boone.
Maus, Edna May.....	Arts.....	Fr.....	Schell City.....	Vernon.
Maus, Max L.....	Agr.....	S. C.....	Climax Springs..	Camden.
Maus, Pauline.....	Arts.....	Fr.....	Schell City.....	Vernon.
Maxwell, Christena.....	Arts.....	Soph.....	Carterville.....	Jasper.
Maxwell, Earl Renshaw.....	Agr.....	Sr.....	Columbia.....	Boone.
Maxwell, Marvin Victor.....	Eng.....	Soph.....	Carthage.....	Jasper.
Maxwell, Myra Allene.....	Arts.....	Soph.....	Columbia.....	Boone.
Maxwell, Oliver Thornton..	Arts.....	Fr.....	Columbia.....	Boone.
May, Frederick William.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
Mayer, Rose.....	Educ.....	2nd Yr..	King City.....	Gentry.
Mayes, Edwin Archibald, B.				
S. in Agr.....	Grad.....		Warrensburg.....	Johnson.
Mayes, Harland Fryer.....	Arts.....	Sr.....	Warrensburg.....	Johnson.
Mayes, Harold Barron.....	{Arts.....	Sr.....		
	{Law.....	1st Yr..	Centralia.....	Boone.
Mayes, Leonard Eldege.....	Eng.....	Fr.....	Mt. Grove.....	Wright.
Mayfield, Katherine Louise..	Arts.....	Soph.....	Lebanon.....	Laclede.
Mayhugh, Robert Lee.....	Agr.....	N. C.....	Bethany.....	Harrison.
Maynor, Eugene, B. S. in Agr.				
(Ala., Polytechnic Inst.)...	Grad.....		Oneonta, Ala.....	
Mayo, Norris Augustine.....	Agr.....	Sr.....	Clifton Hill.....	Randolph.
Mayo, Ruth.....	Agr.....	Spec.....	Clifton Hill.....	Randolph.
Mays, Frank G.....	Arts.....	Soph.....	Cedar Springs..	Cedar.
Mays, Malcolm Crume.....	Arts.....	Fr.....	Elsberry.....	Lincoln.
Mays, Maurine.....	Educ.....	2nd Yr..	Elsberry.....	Lincoln.
Meade, Arthur Heber.....	Agr.....	Fr.....	Kansas City....	Jackson.
Meador, Robert C.....	Arts.....	Soph.....	Houston.....	Texas.

Name	Division	Class	Postoffice	County
Mecaskey, Henry Neil.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Mechtilda, Sister Anna.....	Arts.....	Jr.....	St. Louis.....	
Mecker, Mrs. H. H.....	Educ.....	1st Yr.....	Columbia.....	Boone.
Meeker, David.....	Agr.....	Soph.....	Cabool.....	Texas.
Meinhoffer, Lucile.....	Jour.....	2nd Yr.....	Kansas City.....	Jackson.
Melrer, Lena C.....	Educ.....	2nd Yr.....	Lexington.....	Lafayette.
Meirer, Louis Shimmon.....	Agr.....	Jr.....	Lexington.....	Lafayette.
Meisner, Florence Elaine.....	Law.....	2nd Yr.....	Bern, Kan.....	
Mello, James A.....	Agr.....	Sr.....	Liberty.....	Clay.
Melvin, Bruce Lee, B. S. in Ed., A. M.....	Grad.....		Columbia.....	Boone.
Mendenhall, Cora Elizabeth.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Mendonsa, Arthur Abner.....	Agr.....	Sr.....	Jacksonville, Ill.....	
Mengel, Helen Esther.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Menteer, William James.....	Jour.....	Spec.....	Jefferson City.....	Cole.
Meranda, Harriet Lucile.....	Arts.....	Soph.....	Trenton.....	Grundy.
Mercer, James Carlton.....	Arts.....	Soph.....	Jennings, La.....	
Meredith, Guy Irving, A. B.....	(Med.....	2nd Yr.....		
	(Grad.....		Joplin.....	Jasper.
Merkle, Helen Ruth.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Merkle, Miriam E.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Mermond, George Charles.....	Agr.....	S. C.....	Monett.....	Barry.
Merridith, William Kenneth.....	Eng.....	Jr.....	Kansas City.....	Jackson.
Merrifield, Cecil Cline.....	Arts.....	Soph.....	Chillicothe.....	Livingston.
Merritt, Arthur Tillman.....	Arts.....	Jr.....	Calhoun.....	Henry.
Mershon, Florence.....	Educ.....	1st Yr.....	Buckner.....	Jackson.
Mershon, Roger.....	Agr.....	S. C.....	Buckner.....	Jackson.
Meservey, Mary Bess.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Meshevsky, Jake.....	B. & P. A.....	2nd Yr.....	St. Joseph.....	Buchanan.
Messick, Mable Irene.....	Arts.....	Soph.....	Bolckow.....	Andrew.
Messmer, Edgar Louis.....	Eng.....	Spec.....	St. Louis.....	
Messmer, Ruth Anna.....	Arts.....	Soph.....	Kirkwood.....	St. Louis.
Metcalf, Tom.....	Jour.....	1st Yr.....	Hermosa Beach, California.....	
Metsker, William Alton.....	Agr.....	Soph.....	Kansas City.....	Jackson.
Metts, James N.....	Arts.....	Fr.....	Elsberry.....	Lincoln.
Meyer, Cyril Ernestine.....	Arts.....	Fr.....	Joplin.....	Jasper.
Meyer, Dorothy Frances.....	Arts.....	Fr.....	Columbia.....	Boone.
Meyer, Eldon John.....	B. & P. A.....	2nd Yr.....	Augusta.....	St. Charles.
Meyer, Harold Sexton.....	Arts.....	Soph.....	Columbia.....	Boone.
Meyer, Leslie Bernard.....	B. & P. A.....	2nd Yr.....	Augusta.....	St. Charles.
Meyer, Ruth Anne.....	Arts.....	Fr.....	St. Louis.....	
Meyer, Mrs. Stella Sexton, A. B.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Meyerhardt, Julius Max.....	Arts.....	Fr.....	Jefferson City.....	Cole.
Meyerhardt, Milton Herman.....	Arts.....	Fr.....	Jefferson City.....	Cole.
Meyers, William A.....	Arts.....	Fr.....	Stroud, Okla.....	
Meyersieck, Oran Frederick.....	Eng.....	Soph.....	St. Louis.....	
Michel, Elizabeth.....	Educ.....	1st Yr.....	Joplin.....	Jasper.
Michels, Henry W., Jr.....	Eng.....	Fr.....	Boonville.....	Cooper.
Middleton, Joe Gaines.....	Arts.....	Fr.....	Oak Grove.....	Jackson.
Middleton, Roy A.....	Eng.....	Fr.....	Bates City.....	Lafayette.
Milburn, Ernest E.....	Agr.....	S. C.....	California.....	Moniteau.
Miles, Mrs. Icy Maud, B. S. in Ed.....	Grad.....		New Hampton.....	Harrison.
Miles, Jesse M.....	Agr.....	Sr.....	Bethany.....	Harrison.
Miley, Cora Avarilla.....	Arts.....	Jr.....	Oklahoma City, Oklahoma.....	
Miller, Arthur K.....	Eng.....	Soph.....	Kahoka.....	Clark.
Miller, Benjamin F.....	Eng.....	N. C.....	Jefferson City.....	Cole.
Miller, Bland.....	Arts.....	Fr.....	Urbana.....	Dallas.
Miller, Carol E.....	Arts.....	Fr.....	St. Louis.....	
Miller, Charles Raymond.....	Eng.....	Jr.....	Savannah.....	Andrew.
Miller, Chester Harris.....	Arts.....	Fr.....	St. Louis.....	
Miller, Chestine William.....	Agr.....	N. C.....	Rolla.....	Phelps.
Miller, Daisy Catherine.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Miller, Dan E.....	Agr.....	Soph.....	Deepwater.....	St. Clair.
Miller, Delia Marie.....	(Arts.....	Jr.....		
	(Med.....	1st Yr.....	Kansas City.....	Jackson.
Miller, Edwin Joseph.....	Eng.....	Soph.....	Carrollton.....	Carroll.
Miller, Ethel M.....	Educ.....	Spec.....	Ava.....	Douglas.
Miller, Ferna-Faye.....	Agr.....	Fr.....	Columbia.....	Boone.
Miller, Florence A.....	Educ.....	Spec.....	Boonville.....	Cooper.
Miller, Franklin L.....	Jour.....	2nd Yr.....	Elk Point, S. D.....	
Miller, Harrod G.....	Eng.....	Soph.....	Kahoka.....	Clark.
Miller, Helen Irene.....	Educ.....	2nd Yr.....	Lexington.....	Lafayette.
Miller, Joe Henry.....	Arts.....	Fr.....	Standish.....	Carroll.
Miller, John Alvin.....	Arts.....	Fr.....	Deepwater.....	St. Clair.
Miller, Johnie Elmore.....	B. & P. A.....	1st Yr.....	LaCygne, Kan.....	
Miller, Leland Trumand.....	Agr.....	S. C.....	Arbela.....	Scotland.
Miller, Leona.....	Educ.....	1st Yr.....	Columbia.....	Boone.
Miller, Lillian Ethel.....	Educ.....	2nd Yr.....	St. Joseph.....	Buchanan.
Miller, Lloyd Chauncey.....	Arts.....	Sr.....	St. Joseph.....	Buchanan.
Miller, Margaret Cameron.....	Arts.....	Soph.....	Columbia.....	Boone.
Miller, Mary Force.....	Arts.....	Jr.....	Kansas City.....	Jackson.



Name	Division	Class	Postoffice	County
Miller, Mayme.....	Arts.....	Fr.....	California.....	Moniteau.
Miller, Melvin C.....	Arts.....	Soph.....	Carthage.....	Jasper.
Miller, Nan Lou.....	Arts.....	Fr.....	McCredie.....	Callaway.
Miller, Otho.....	B. & P. A.	Spec.....	Braymer.....	Caldwell.
Miller, Paul M.....	Arts.....	Soph.....	Maryville.....	Nodaway.
Miller, Paul Merrill.....	Jour.....	2nd Yr.	Kansas City.....	Jackson.
Miller, Paul Smanzey.....	Arts.....	Jr.....	Columbia.....	Boone.
Miller, Ray E., B. S. in Agr.....	Grad.....	.....	Savannah.....	Andrew.
Miller, Raymond P.....	Eng.....	Sr.....	Columbia.....	Boone.
Miller, Rodger Edison.....	Eng.....	Fr.....	Labaddie.....	Franklin.
Miller, Ruth.....	Educ.....	2nd Yr.	Columbia.....	Boone.
Miller, Velma.....	Arts.....	Fr.....	Bethany.....	Harrison.
Miller, Walter H.....	Arts.....	Spec.....	Decatur, Ill.....	
Miller, William Earl.....	Law.....	3rd Yr.	Sedalia.....	Pettis.
Miller, William Washington.....	Eng.....	Fr.....	Springfield.....	Greene.
Millett, Elizabeth.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Milligan, Joe Nelson.....	Eng.....	Fr.....	Joplin.....	Jasper.
Milligan, Lionel Clifford.....	Arts.....	Fr.....	Rinehart.....	Vernon.
Millman, Jack.....	Arts.....	Soph.....	New York, N. Y.....	
Milne, Ralph James.....	Agr.....	S. C.....	Oregon.....	Holt
Milson, Louie.....	(Arts.....	Sr.....		
	(Med.....	2nd Yr.	Columbia.....	Boone.
Milton, Margaret.....	Arts.....	Soph.....	Sedalia.....	Pettis.
Minke, Paula Elizabeth.....	Arts.....	Fr.....	Sherman.....	St. Louis.
Minnich, Annette Stanley.....	Arts.....	Fr.....	Henderson, Ky.....	
Minnis, Joseph Fay.....	Agr.....	Sr.....	Bogard.....	Carroll.
Minnis, Robert Edward.....	Arts.....	Fr.....	Carrollton.....	Carroll.
Misselwitz, Henry Francis.....	Jour.....	2nd Yr.	Kansas City.....	Jackson.
Mitchell, Cyprus Richard, A. B. (Eureka College).....	Grad.....	.....	Columbia.....	Boone.
Mitchell, Ellen E.....	Arts.....	Jr.....	Maryville.....	Nodaway.
Mitchell, Frances Clayton, A. B.....	Jour.....	2nd Yr.	Columbia.....	Boone.
Mitchell, John.....	Arts.....	Fr.....	Enid, Oklahoma.....	
Mitchell, Lawrence C.....	Jour.....	Spec.....	Lewistown.....	Lewis.
Mitchell, Mary.....	Educ.....	Spec.....	Webb City.....	Jasper.
Mitchell, Roberta Iris.....	Arts.....	Fr.....	Maryville.....	Nodaway.
Mitchell, Ruth Marie.....	Educ.....	2nd Yr.	Paris.....	Monroe.
Mitchell, Thomas Cooper, Jr.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Mitchell, William Crowder, B. S. in Agr. (Univ. of Kan.).....	Grad.....	.....	Madisonville, Ky.....	
Modie, Nellie Mae.....	Arts.....	Soph.....	St. Joseph.....	Buchanan.
Moentmann, Otis Herman.....	Agr.....	S. C.....	Norborne.....	Carroll.
Moffett, James Noel.....	Agr.....	Soph.....	Polo.....	Caldwell.
Moffett, John Charles.....	Jour.....	Spec.....	Kansas City.....	Jackson.
Moling, William Edward.....	Eng.....	Fr.....	Chillicothe.....	Livingston.
Molony, Muriel.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Molony, Sarah Slack.....	Arts.....	Sr.....	St. Joseph.....	Buchanan.
Monday, Gordon Emerson.....	Arts.....	Fr.....	Richland.....	Pulaski.
Monroe, John L.....	Arts.....	Fr.....	Gorni.....	Scotland.
Monteverde, Charles E.....	(Arts.....	Jr.....		
	(Med.....	1st Yr.	Buenos Aires, Arg.....	
Montgomery, Ermont.....	Arts.....	Jr.....	Columbia.....	Boone.
Montgomery, Eugene E., Jr.....	Arts.....	Sr.....	Blue Springs.....	Jackson.
Montgomery, Frances.....	Arts.....	Fr.....	Independence.....	Jackson.
Montgomery, Georgia Lucille.....	B. & P. A.	2nd Yr.	Columbia.....	Boone.
Moody, Judd Wellman.....	Eng.....	Sr.....	Columbia.....	Boone.
Moore, Agnes Bland.....	Educ.....	2nd Yr.	Columbia.....	Boone.
Moore, Catherine Baldwin.....	Jour.....	1st Yr.	Laclede.....	Linn.
Moore, Charles Leroy.....	Law.....	3rd Yr.	Memphis.....	Scotland.
Moore, Ella.....	Educ.....	Spec.....	Trenton.....	Grundy.
Moore, Fannie Anita.....	Jour.....	2nd Yr.	Columbia.....	Boone.
Moore, Frances Booth.....	Educ.....	2nd Yr.	Columbia.....	Boone.
Moore, Francis Xavier.....	Eng.....	Sr.....	St. Louis.....	
Moore, Harry E., Jr.....	Eng.....	Fr.....	Boonville.....	Cooper.
Moore, Horatio Booth.....	Jour.....	2nd Yr.	Columbia.....	Boone.
Moore, James H.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Moore, John A., Jr.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Moore, John Elbert.....	Arts.....	Spec.....	Dover, Ark.....	
Moore, Lucy.....	Arts.....	Soph.....	Sedalia.....	Pettis.
Moore, Martha Margaret.....	Arts.....	Spec.....	Columbia.....	Boone.
Moore, Mary Sylvia.....	Arts.....	Fr.....	Salisbury.....	Chariton.
Moore, Ralph.....	Agr.....	S. C.....	Excelsior Springs.....	Morgan.
Moore, Robert Emmet, Jr.....	Eng.....	Fr.....	St. Louis.....	
Moore, Robert Woodford.....	Arts.....	Sr.....	Wise.....	Vernon.
Moore, Roscoe D.....	Jour.....	Spec.....	Perryville.....	Perry.
Moore, Sarah Elizabeth.....	Jour.....	1st Yr.	Hannibal.....	Marion.
Moore, Wesley Warren.....	Eng.....	Sr.....	Versailles.....	Morgan.
Moore, William Hamilton, Jr.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Moorefield, Allen S.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Moorer, Charles Allen, Jr.....	Agr.....	Sr.....	Muskogee, Okla.....	
Moose, James Sayle, Jr.....	Arts.....	Sr.....	St. Louis.....	
Moranville, Benedict August.....	(Arts.....	Sr.....		
	(Med.....	1st Yr.	St. Marys.....	Ste. Genevieve.
Moorhouse, David Wakeman.....	Eng.....	Sr.....	Neosho.....	Newton.

Name	Division	Class	Postoffice	County
Morelock, Thomas Cecil.....	Jour.....	2nd Yr.	Columbia.....	Boone.
Morgan, Bert Emerson.....	Arts.....	Spec.	Jameson.....	Daviess.
Morgan, Eugene Broadwell.....	B. & P. A.	1st Yr.	Wyaconda.....	Clark.
Morgan, Mrs. Helen Laufman, A. B. (Univ. of Mich.).....	Jour.....	1st Yr.	Columbia.....	Boone.
Morgan, Mildred.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Morgan, Paul J.....	Jour.....	2nd Yr.	Columbia.....	Boone.
Morgan, Quedar.....	Agr.....	Fr.....	Unionville.....	Putnam.
Morgan, Retha B.....	Educ.....	Spec.	Jameson.....	Daviess.
Morganthaler, Mildred.....	Arts.....	Fr.....	Hallsville.....	Boone.
Morrell, John Stuart.....	Agr.....	Jr.....	Beloit, Kan.....	
Morris, Clarence Robert.....	Arts.....	Soph.....	Denver, Colo.....	
Morris, Delphina M.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Morris, Edgar Pete.....	Agr.....	Fr.....	Lockwood.....	Dade.
Morris, John Rippey.....	Jour.....	2nd Yr.	Lancaster.....	Schuyler.
Morris, John Uel.....	Agr.....	Sr.....	Lincoln.....	Benton.
Morris, Joseph Darwin.....	Arts.....	Fr.....	Centralia.....	Boone.
Morris, Mary Alice.....	Arts.....	Fr.....	Perry.....	Ralls.
Morris, W. Dewey.....	Agr.....	S. C.....	Perry.....	Ralls.
Morrison, David L.....	B. & P. A.	1st Yr.	Kansas City.....	Jackson.
Morrison, Esslie Russell.....	Arts.....	Jr.....	Pleasant Hill.....	Cass.
Morrison, Marion Francis.....	Eng.....	Fr.....	Fulton.....	Callaway.
Morriess, David H.....	Agr.....	S. C.....	El Paso, Texas.....	
Morrow, Helen.....	Arts.....	Jr.....	Callao.....	Macon.
Morrow, Kathryn A.....	Educ.....	2nd Yr.	Plattsburg.....	Clinton.
Morrow, Leona.....	Educ.....	1st Yr.	Crane.....	Stone.
Morrow, Vivien.....	Educ.....	1st Yr.	Callao.....	Macon.
Morse, Helen Katherine.....	Educ.....	2nd Yr.	Hannibal.....	Marion.
Mortola, Manuel Marcelino.....	Eng.....	Soph.....	San Nicolas, Arg.....	
Morton, Allin C.....	Arts.....	Fr.....	Pleasant Hill.....	Cass.
Morton, Austin.....	Agr.....	Fr.....	Webster Groves.....	St. Louis.
Morton, John Straud, Jr.....	B. & P. A.	Spec.	Smithville.....	Clay.
Morton, Linus Clark.....	Agr.....	N. C.....	Jackson.....	C. Girardeau.
Moseley, Jack Swon.....	Agr.....	Jr.....	Auxvasse.....	Callaway.
Moseley, William Kyle.....	Agr.....	Soph.....	Manes.....	Wright.
Moser, Donna Hazel.....	Arts.....	Fr.....	Fort Smith, Ark.....	
Moses, Eugene M.....	Agr.....	Sr.....	Carthage.....	Jasper.
Moses, Frieda.....	Arts.....	Fr.....	Fort Smith, Ark.....	
Moss, Cecil Paul.....	Arts.....	Fr.....	Seneca.....	Newton.
Moss, Clarence B.....	Agr.....	Soph.....	Columbia.....	Boone.
Moss, Mark Gentry.....	Agr.....	Fr.....	Centralia.....	Boone.
Moss, Mec-Ryan.....	Jour.....	1st Yr.	Nevada.....	Vernon.
Mothershead, Arthur Clifton.....	Arts.....	Soph.....	Gashland.....	Clay.
Motsinger, Jeter Spurgeon.....	Arts.....	Fr.....	Higginsville.....	Lafayette.
Mottert, Otto E.....	Agr.....	N. C.....	Eureka.....	St. Louis.
Mounce, Earl Winfield, B. S. in Bus. Admin.....	{Arts..... {Law.....	Jr..... 1st Yr.	Fredericktown.....	Madison.
Mount, Donald Lee.....	Eng.....	Soph.....	Memphis.....	Scotland.
Meyers, Robert Arthur.....	Educ.....	1st Yr.	Oran.....	Scott.
Moyer, Marguerite, A. B., B. S. in Ed.....	Grad.....		St. Louis.....	
Mudd, Albert Henry.....	Agr.....	Spec.....	Silex.....	Lincoln.
Mueller, Anita R.....	Arts.....	Fr.....	St. Louis.....	
Mueller, George H.....	Arts.....	Fr.....	St. Charles.....	St. Charles.
Mueller, John Henry, A. B.....	Grad.....		St. Charles.....	St. Charles.
Mueller, Julius Lester.....	Eng.....	Jr.....	St. Louis.....	
Muench, Adele Louise.....	Educ.....	1st Yr.	Washington.....	Franklin.
Muench, Albert Harry.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
Muench, Carl D.....	Arts.....	Fr.....	Augusta.....	St. Charles.
Muench, Roland Thomas.....	Eng.....	Fr.....	Washington.....	Franklin.
Muir, Finnie.....	Educ.....	Spec.....	Fulton.....	Callaway.
Muir, Thomas Finley, Jr.....	Arts.....	Soph.....	Willow Springs.....	Howell.
Mullen, Thelma Mae.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Mullens, George.....	Agr.....	Spec.....	Columbia.....	Boone.
Mulligan, George Henry.....	Arts.....	Fr.....	St. Louis.....	
Mullinax, Lucy S.....	Arts.....	Soph.....	Princeton.....	Mercer.
Mumford, Catherine Adelia.....	Educ.....	2nd Yr.	Columbia.....	Boone.
Mumford, Don M.....	Jour.....	2nd Yr.	St. Joseph.....	Buchanan.
Munday, Henryetta.....	Educ.....	1st Yr.	Columbia.....	Boone.
Mundy, Mary Belle.....	{Arts..... {Educ.....	Jr..... 1st Yr.	Independence.....	Jackson.
Munger, Orrin Lee.....	Law.....	1st Yr.	Piedmont.....	Wayne.
Munkers, Ralph Adam.....	Eng.....	Sr.....	Kansas City.....	Jackson.
Munroe, Edward L.....	Agr.....	S. C.....	Webster Groves.....	St. Louis.
Muntzel, James H.....	Arts.....	Fr.....	Blackwater.....	Cooper.
Muntzert, Fred F.....	Agr.....	N. C.....	Columbia.....	Boone.
Murch, Alanson D.....	Eng.....	Fr.....	St. Louis.....	
Murch, Clarence Sinclair.....	Eng.....	Fr.....	St. Louis.....	
Murch, William Numan.....	Eng.....	Soph.....	St. Louis.....	
Murphy, Andrew Joseph, Jr.....	Law.....	3rd Yr.	Louisiana.....	Pike.
Murphy, Casper Moody.....	Arts.....	Fr.....	Powersville.....	Putnam.
Murphy, James Leo.....	Agr.....	Jr.....	Oyer.....	St. Clair.
Murphy, James V.....	Arts.....	Fr.....	Louisiana.....	Pike.
Murphy, James Wilbur.....	Law.....	4th Yr.	Joplin.....	Jasper.

Name	Division	Class	Postoffice	County
Murphy, Ralph A. ....	Arts. ....	Fr. ....	Kansas City. ....	Jackson.
Murphy, William Henry. ....	Agr. ....	S. C. ....	St. Louis. ....	
Murray, Isaac Preston. ....	Agr. ....	Soph. ....	Golden City. ....	Barton.
Murray, Ralph Edward, A. B. ....	Law. ....	3rd Yr. ....	St. Louis. ....	
Murray, Robert Byers. ....	Arts. ....	Soph. ....	Marcelline. ....	Linn.
Murrell, William Francis. ....	Arts. ....	Soph. ....	Kirksville. ....	Adair.
Murton, Arria. ....	Educ. ....	2nd Yr. ....	Carthage. ....	Jasper.
Muschany, G. M. ....	Agr. ....	S. C. ....	O'Fallon. ....	St. Charles.
Musgrave, Clarence Willis. ....	Agr. ....	Soph. ....	Vida. ....	Phelps.
Mushlin, Samuel. ....	(Arts. ....	Sr. ....		
	(B. & P. A. ....	2nd Yr. ....	St. Louis. ....	
Musick, Eliza Anne. ....	Educ. ....	2nd Yr. ....	Columbia. ....	Boone.
Musick, Vern Hurschel. ....	Med. ....	1st Yr. ....	Edina. ....	Knox.
Musler, Durward K. ....	Eng. ....	Fr. ....	St. Louis. ....	
Mussman, Louis Henry. ....	Agr. ....	N. C. ....	Augusta. ....	St. Charles.
Musson, Eldred Kenneth. ....	Arts. ....	Jr. ....	Norborne. ....	Carroll.
Myers, Frank Robert. ....	Arts. ....	Soph. ....	Nevada. ....	Vernon.
Myers, Mrs. Frank Robert. ....	Arts. ....	Fr. ....	Nevada. ....	Vernon.
Myers, Kathryn Marie. ....	Arts. ....	Fr. ....	St. Louis. ....	
Myers, Troy Ray. ....	Arts. ....	Fr. ....	Blue Springs. ....	Jackson.
Mytton, John Hills. ....	Arts. ....	Jr. ....	St. Joseph. ....	Buchanan.
McAdams, Effie Lee. ....	Arts. ....	Soph. ....	Alexandria, La. ....	
McAdow, Earnest T. ....	Arts. ....	Jr. ....	DeKalb. ....	Buchanan.
McAfee, James Wesley. ....	Arts. ....	Fr. ....	Brookfield. ....	Linn.
McAlester, Andrew Walker. ....	(Arts. ....	Jr. ....		
	(Med. ....	1st Yr. ....	Kansas City. ....	Jackson.
McAllister, S. Etta, B. S., (Central State Teacher's College) ....	Grad. ....		Sweet Springs. ....	Saline.
McAndrew, Thomas. ....	Agr. ....	N. C. ....	St. Louis. ....	
McAnear, Frank Elmer, A. B., (Hendrix College) ....	Grad. ....		Russellville, Ark. ..	
McAnear, Mrs. Frank Elmer. ....	(Arts. ....	Soph. ....		
	(Educ. ....	1st Yr. ....	Russellville, Ark. ..	
McAtee, Mary Reanette. ....	Educ. ....	Spec. ....	Glasgow. ....	Howard.
McAuliffe, Mary Jean. ....	Arts. ....	Soph. ....	St. Louis. ....	
McBee, Neta M. ....	Educ. ....	Spec. ....	Anderson. ....	McDonald.
McBride, Lillie Mae, B. S., (Univ. of Ark.) ....	Grad. ....		Ft. Smith, Ark. ....	
McBride, Orville C., B. S. in Agr. ....	Grad. ....		Marionville. ....	Lawrence.
McBride, Roy H. ....	(Arts. ....	Sr. ....		
	(Med. ....	2nd Yr. ....	DeSoto. ....	Jefferson.
McBride, Thomas Elliott. ....	Med. ....	1st Yr. ....	Paris. ....	Monroe.
McBride, Walter E. ....	Eng. ....	Jr. ....	Kansas City. ....	Jackson.
McBrien, Bessie Mae. ....	Arts. ....	Spec. ....	Richmond. ....	Ray.
McBurney, Ethridge. ....	Agr. ....	S. C. ....	Odessa. ....	Lafayette.
McBurney, Ralph, B. S. (Va. Polytechnic Inst.) ....	Arts. ....	Spec. ....	Columbia. ....	Boone.
McCabe, John B. ....	Agr. ....	N. C. ....	Milan. ....	Sullivan.
McCall, Carl Bert. ....	Arts. ....	Fr. ....	Wheaton. ....	Barry.
McCall, Elizabeth Ruth. ....	Arts. ....	Soph. ....	Fulton. ....	Callaway.
McCall, Lawrence B. ....	Agr. ....	N. C. ....	Skidmore. ....	Atchison.
McCall, Roger William. ....	Agr. ....	Fr. ....	Olathe, Kan. ....	
McCallister, Ellis H. ....	Agr. ....	Fr. ....	Columbia. ....	Boone.
McCallister, Vertese. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
McCammon, Owen. ....	Agr. ....	Soph. ....	Springfield. ....	Greene.
McCann, Harry. ....	Agr. ....	N. C. ....	St. Louis. ....	
McCann, James Kenneth. ....	Eng. ....	Fr. ....	Warrensburg. ....	Johnson.
McCann, John Maxwell. ....	Eng. ....	Sr. ....	Webb City. ....	Jasper.
McCannon, Glen F. ....	Jour. ....	Spec. ....	Santa Marie, Tex. ....	
McCanse, Chauncey Arthur. ....	Agr. ....	Sr. ....	Mt. Vernon. ....	Lawrence.
McCarty, Ferrill Goldwalt. ....	Agr. ....	Soph. ....	Bolivar. ....	Polk.
McCary, Thomas Edward, Jr. ....	B. & P. A. ....	1st Yr. ....	Lees Summit. ....	Jackson.
McCauley, Henry Leake. ....	Jour. ....	2nd Yr. ....	Dallas, Texas. ....	
McCauley, John Sloane, Jr. ....	Jour. ....	2nd Yr. ....	Dallas, Texas. ....	
McCaustland, Margaret L. ....	Arts. ....	Soph. ....	Columbia. ....	Boone.
McCaw, Margaret Jean. ....	Arts. ....	Fr. ....	Rolla. ....	Phelps.
McClain, Dorothy Sims. ....	Educ. ....	1st Yr. ....	Columbia. ....	Boone.
McClanahan, Frances Evelyn. ....	Educ. ....	2nd Yr. ....	Columbia. ....	Boone.
McClelland, Robert Shannon. ....	Agr. ....	Soph. ....	St. Joseph. ....	Buchanan.
McCluer, Francis B. ....	Agr. ....	Jr. ....	O'Fallon. ....	St. Charles.
McClung, Dickerson Clark, Jr. ....	Arts. ....	Fr. ....	Jefferson City. ....	Cole.
McClure, Howard Stephen. ....	Arts. ....	Fr. ....	New Florence. ....	Montgomery.
McCluskey, Clarence. ....	Agr. ....	Fr. ....	Flatwoods. ....	Ripley.
McCollum, John S. ....	Agr. ....	Soph. ....	Bethany. ....	Harrison.
McCombs, James Holland. ....	Arts. ....	Fr. ....	Martin, Tenn. ....	
McConnell, Eugene Gibson. ....	B. & P. A. ....	1st Yr. ....	Houstonia. ....	Pettis.
McCord, Forrest Lee, Jr. ....	Arts. ....	Soph. ....	Higginsville. ....	Lafayette.
McCord, Harold Wayne. ....	Arts. ....	Jr. ....	Stewartsville. ....	DeKalb.
McCord, Mary Elizabeth. ....	Educ. ....	1st Yr. ....	Pulaski, Tenn. ....	
McCorkle, Carroll Gray. ....	Jour. ....	Spec. ....	Columbia. ....	Boone.
McCorkle, John Morris. ....	B. & P. A. ....	Spec. ....	Clifton Hill. ....	Randolph.



Name	Division	Class	Postoffice	County
McCormack, Grace Agnes	Arts.	Fr.	Kansas City	Jackson.
McCormick, Joe Harve	Agr.	N. C.	Jameson	Davies.
McCormick, Lois Bindette	Arts.	Fr.	Kansas City	Jackson.
McCormick, Paul Warner	Eng.	Jr.	St. Louis	
McCormick, Staley Young	Arts.	Fr.	Richmond	Ray.
McCoy, Arley	Agr.	N. C.	Hurdland	Knox.
McCoy, Harvey Irwin	Law	2nd Yr.	St. Louis	
McCoy, Melvin Lawrence	Educ.	Spec.	Hamilton	Caldwell.
McCoy, Ralph S.	Agr.	N. C.	Missouri City	Clay.
McCoy, Roland Walker	Arts.	Fr.	St. Louis	
McCray, Harry Claxton	Arts.	Jr.	Kansas City	Jackson.
McCreery, Hazel	Arts.	Fr.	Stoutsville	Monroe.
McCreery, Paul Andrew	Arts.	Soph.	Ewart, Mich.	
McCullen, Richard Edward	Law	3rd Yr.	Clayton	St. Louis.
McCune, John W.	Arts.	Fr.	Laddonia	Audrain.
McCune, Martha A.	Arts.	Fr.	New London	Ralls.
McCune, Mary Rebecca	Educ.	1st Yr.	New London	Ralls.
McCutchan, George Lawrence	Eng.	Soph.	Hamilton	Caldwell.
McCutcheon, John Dent, Jr., A. B.	Grad.		Pilot Grove	Cooper.
McDaniel, Isreal Newton	Agr.	N. C.	Montreal	Camden.
McDaniel, Otto S.	Eng.	Fr.	Sedalia	Pettis.
McDaniel, William Solon	Eng.	Sr.	Urich	Henry.
McDannold, Mrs. Norman	Agr.	S. C.	Brookfield	Linn.
McDannold, Norman	Agr.	S. C.	Brookfield	Linn.
McDavitt, Carlisle Nichols	Eng.	Sr.	Sweet Springs	Saline.
McDermott, Donald Stuart	Arts.	Soph.	Kahoka	Clark.
McDivit, Joseph Herrick	Arts.	Fr.	St. Joseph	Buchanan.
McDonald, Calvin L.	Arts.	Fr.	Kansas City	Jackson.
McDonald, Frank Donald	B. & P. A.	2nd Yr.	Webster Groves	St. Louis.
McDonnell, Flossie Belle	Educ.	2nd Yr.	Columbia	Boone.
McDougal, Violet	Arts.	Soph.	Sapulpa, Okla.	
McElroy, Alfred Edwin	Arts.	Soph.	Perry	Ralls.
McElroy, Virginia	Arts.	Fr.	Clarksville	Pike.
McElwee, Claude Webster	Law	2nd Yr.	St. Louis	
McEwen, Erwin Francis	Jour.	1st Yr.	St. Joseph	Buchanan.
McFadden, Dudley Edward	Arts.	Fr.	N. Kansas City	Clay.
McFarland, Elbert Bryce	Eng.	Fr.	Holden	Jackson.
McFarland, Mary Loretta	Arts.	Soph.	Mexico	Audrain.
McFarland, Winona	B. & P. A.	1st Yr.	Olathe, Kan.	
McFarling, Joseph Ralph	Arts.	Fr.	Rockport	Atchison.
McFerrin, William Vergil	(Agr.) (Educ.) (Educ.) (Grad.)	Sr. 1st Yr. 2nd Yr.	Independence, Kan.	
McGee, Lelitia Louise			Sikeston	Scott.
McGinley, Cuyler Ross	B. & P. A.	1st Yr.	Kansas City	Jackson.
McGinnis, Byron James	Arts.	Jr.	Ozark	Christian.
McGinnis, Paul Sherman	Arts.	Fr.	Kansas City	Jackson.
McGregor, James Wilson, Jr.	B. & P. A.	2nd Yr.	Carthage	Jasper.
McGuire, S. Hubert	Agr.	Fr.	Hardin	Ray.
McGuirk, William J.	Arts.	Fr.	Kansas City	Jackson.
McHalfey, Nathan Clinton	Agr.	N. C.	Alton	Oregon.
McHaney, John William	Med.	1st Yr.	White Oak	Dunklin.
McHaney, Powell B.	Arts.	Fr.	White Oak	Dunklin.
McHarg, Mary	Arts.	Fr.	Columbia	Boone.
McHarg, Matie K.	Educ.	1st Yr.	Columbia	Boone.
McHarg, Mildred Glenn	Arts.	Soph.	Columbia	Boone.
McIntosh, Cecil R.	Law	1st Yr.	Raton, N. Mex.	
McIntosh, Dovie	Arts.	Fr.	Raton, N. Mex.	
McIntyre, Hazel Anne	(Arts.) (Educ.) (Educ.)	Jr. 1st Yr.	Mexico	Audrain.
McIvor, Sally Margaret		Spec.	Excelsior Springs	Clay.
McKay, Mrs. Mary Asberry, B. S. in Ed.	Grad.		Columbia	Boone.
McKee, Thomas Lapsley	Agr.	Jr.	Revere	Clark.
McKellar, Ora Alice	Arts.	Fr.	Jamestown, Kan.	
McKelly, Thomas C.	Arts.	Fr.	St. Louis	
McKelvey, Loyce Alleene	Eng.	Fr.	Montgomery City	Montgomery.
McKenzie, Vernetta C.	Eng.	Soph.	Columbia	Boone.
McKay, Howard E.	Eng.	Soph.	St. Louis	
McKiddy, Lorraine	Arts.	Soph.	Kansas City	Jackson.
McKim, Lawrence John	Law	1st Yr.	St. Louis	
McKimpson, Mrs. Nannie	Arts.	Spec.	Columbia	Boone.
McKinley, Gladys	Jour.	1st Yr.	Kansas City	Jackson.
McKinney, Clifford Paul	Arts.	Soph.	Bolivar	Polk.
McKinzie, Frances	Arts.	Fr.	Fayette	Howard.
McLachlan, Marjorie Helen, A. B., B. S. in Ed.	Grad.		Kahoka	Clark.
McLagan, Florence Alice	Arts.	Soph.	St. Louis	
McLaughlin, Alvah Rufus, Ph. B. (Lafayette College).	Grad.		Columbia	Boone.
McLaughlin, John Charles	Arts.	Fr.	Sedalia	Pettis.
McLean, Mary Margaret	Arts.	Fr.	Savannah	Andrew.
McLellan, Raymond Walter	Arts.	Fr.	Moberly	Randolph.
McLendon, Faynee	Arts.	Soph.	Duncan, Okla.	

Name	Division	Class	Postoffice	County
McLendon, Martha V. . . . .	Law. . . . .	2nd Yr.	Kansas City. . . . .	Jackson.
McLennan, Thomas Adolphus . . . . .	Eng. . . . .	Fr. . . . .	Marshall. . . . .	Saline.
McLead, William M. . . . .	Agr. . . . .	N. C. . . . .	Maplewood. . . . .	St. Louis.
McMahan, Mary Mabel. . . . .	Arts. . . . .	Fr. . . . .	Shelbina. . . . .	Shelby.
McMahon, Richard Hargrave. . . . .	Arts. . . . .	Fr. . . . .	St. Louis. . . . .	
McManamin, Bernard Wil- liam. . . . .	Eng. . . . .	Fr. . . . .	Independence. . . . .	Jackson.
McMaster, Rose. . . . .	Arts. . . . .	Soph. . . . .	Hopkins. . . . .	Nodaway.
McMath, Allen Rosborough. . . . .	Arts. . . . .	Fr. . . . .	Webster Groves. . . . .	St. Louis.
McMillan, Margaret, B. S. (Central State Teacher's College). . . . .	Grad. . . . .		Sedalia. . . . .	Pettis.
McMillan, William Robert. . . . .	Eng. . . . .	Fr. . . . .	St. Louis. . . . .	
McMullen, John F. . . . .	Agr. . . . .	N. C. . . . .	St. Louis. . . . .	
McMurtrey, Wayne Spurgeon . . . . .	Arts. . . . .	Fr. . . . .	Salem. . . . .	Dent.
McMurtry, Mildred O., A. B. (Colorado College). . . . .	Grad. . . . .		Colorado Springs, Colorado. . . . .	
McNatt, Emmett B. . . . .	Arts. . . . .	Fr. . . . .	Aurora. . . . .	Lawrence.
McNatt, Louise. . . . .	Arts. . . . .	Fr. . . . .	Ft. Smith, Ark. . . . .	
McNatt, Marie Frances. . . . .	Arts. . . . .	Fr. . . . .	Columbia. . . . .	Boone.
McNeely, Eugene J. . . . .	Eng. . . . .	Sr. . . . .	Jackson. . . . .	C. Girardeau.
McNeil, Zana Nell. . . . .	Educ. . . . .	2nd Yr.	Sedalia. . . . .	Pettis.
McQueen, Henry Silliman. . . . .	Arts. . . . .	Sr. . . . .	Kansas City. . . . .	Jackson.
McQueen, Milton Wood. . . . .	Arts. . . . .	Jr. . . . .	Kansas City. . . . .	Jackson.
McQuity, Maybell Florence. . . . .	Educ. . . . .	1st Yr.	Rocheport. . . . .	Boone.
McRae, Margaret. . . . .	Arts. . . . .	Fr. . . . .	Rolla. . . . .	PHELPS.
McRenolds, Ross Allen, A. B. . . . .	Grad. . . . .		Maryville. . . . .	Nodaway.
McSpadden, Donovan Myles. . . . .	Eng. . . . .	Sr. . . . .	Salem. . . . .	Dent.
McWilliams, Roy Preston. . . . .	Agr. . . . .	Sr. . . . .	Bucklin. . . . .	Linn.
Nagle, Robert Gerald. . . . .	Eng. . . . .	Fr. . . . .	Ripley, Tenn. . . . .	
Nahm, Helen. . . . .	Arts. . . . .	{Soph. Nurse.		
Nahm, Laura. . . . .	Agr. . . . .	Fr. . . . .	Augusta. . . . .	St. Charles.
Nall, Roly P. . . . .	Eng. . . . .	Spec. . . . .	Augusta. . . . .	St. Charles.
Nash, James Hampton. . . . .	Arts. . . . .	Fr. . . . .	Kansas City. . . . .	Jackson.
Nattis, Hyman. . . . .	Arts. . . . .	Fr. . . . .	St. Louis. . . . .	
Naxera, Emma. . . . .	Educ. . . . .	Spec. . . . .	New York City. . . . .	
Naylor, Ernest Elliott. . . . .	Agr. . . . .	Sr. . . . .	Louisiana. . . . .	Pike.
Naylor, Helen Esther. . . . .	Arts. . . . .	Sr. . . . .	Columbia. . . . .	Boone.
Naylor, Olin V. . . . .	Agr. . . . .	S. C. . . . .	Columbia. . . . .	Boone.
Neagle, Kenneth Heron. . . . .	Arts. . . . .	Soph. . . . .	Hurdland. . . . .	Knox.
Neal, Charles Loran. . . . .	Eng. . . . .	Fr. . . . .	Hartshorn. . . . .	Texas.
Neal, Harry Newton. . . . .	Eng. . . . .	Soph. . . . .	Bethany. . . . .	Harrison.
Neal, Sadie Mae. . . . .	Arts. . . . .	Fr. . . . .	Sedalia. . . . .	Pettis.
Neale, Irwin. . . . .	Arts. . . . .	Fr. . . . .	Maryville. . . . .	Nodaway.
Nebel, Charles Nelson. . . . .	Eng. . . . .	Jr. . . . .	Lexington. . . . .	Lafayette.
Needles, Louis James. . . . .	Arts. . . . .	Soph. . . . .	Columbia. . . . .	Boone.
Neel, Lyman George. . . . .	Agr. . . . .	Fr. . . . .	Clarksburg. . . . .	Moniteau.
Neff, Johnson A. . . . .	Agr. . . . .	Soph. . . . .	Callao. . . . .	Macon.
Neher, Derwood Ocal. . . . .	Arts. . . . .	Soph. . . . .	Marionville. . . . .	Lawrence.
Nelson, Daniel Horace, B. S. (New Hampshire State Col- lege). . . . .	Arts. . . . .	Soph. . . . .	Mound City. . . . .	Holt.
Nelson, Emma Enger. . . . .	Grad. . . . .		Franconia, N. H. . . . .	
Nelson, Lee. . . . .	Arts. . . . .	Sr. . . . .	St. Joseph. . . . .	Buchanan.
Nelson, Louis Francis. . . . .	Agr. . . . .	S. C. . . . .	Westborough. . . . .	Atchison.
Nelson, Lyle Milton, Jr. . . . .	Educ. . . . .	Spec. . . . .	Palmyra. . . . .	Marion.
Nelson, Nora Catherine. . . . .	Med. . . . .	1st Yr.	Nelson. . . . .	Saline.
Nelson, Thomas Mason. . . . .	Arts. . . . .	Soph. . . . .	St. Joseph. . . . .	Buchanan.
Nemzoff, Abe. . . . .	Arts. . . . .	Soph. . . . .	Dallas, Texas. . . . .	
Nesbitt, Wright Bruce. . . . .	Arts. . . . .	Soph. . . . .	St. Joseph. . . . .	Buchanan.
Netherland, Mary Gertrude. . . . .	Agr. . . . .	Fr. . . . .	Pauls Valley, Okla. . . . .	
Neuer, Carl Chester. . . . .	Jr. . . . .		Perry. . . . .	Ralls.
Neuman, Irma. . . . .	Law. . . . .	1st Yr.	Kansas City. . . . .	Jackson.
Neusitz, Ralph E. . . . .	Arts. . . . .	Fr. . . . .	Excelsior Springs. . . . .	Clay.
Neville, Margaret. . . . .	B. & P. A. . . . .	1st Yr.	St. Louis. . . . .	
New, Angus Vincent. . . . .	Arts. . . . .	Soph. . . . .	Kansas City. . . . .	Jackson.
New, Ralph Edward. . . . .	Eng. . . . .	Fr. . . . .	Auxvasse. . . . .	Callaway.
Newcomb, Corbin Nicholson. . . . .	Arts. . . . .	Fr. . . . .	Artesia, N. Mex. . . . .	
Newcomb, Ernest Henry, B. S. in Ed. . . . .	Arts. . . . .	Soph. . . . .	Flat River. . . . .	St. Francois.
Newell, Whipple S. . . . .	Grad. . . . .		Columbia. . . . .	Boone.
Newlon, Bertie Lee. . . . .	Arts. . . . .	Soph. . . . .	Marshall. . . . .	Saline.
Newlon, Onie D. . . . .	Arts. . . . .	Fr. . . . .	New London. . . . .	Ralls.
Newman, Earl F. . . . .	Law. . . . .	1st Yr.	New London. . . . .	Ralls.
Newman, Mrs. Hazel George. . . . .	Arts. . . . .	Soph. . . . .	Stratford, Iowa. . . . .	
Newman, Morris Simon. . . . .	Educ. . . . .	1st Yr.	Columbia. . . . .	Boone.
Newton, Edwin. . . . .	Arts. . . . .	Jr. . . . .	New York, City. . . . .	
Newton, John Carroll. . . . .	Arts. . . . .	Jr. . . . .	Dexter. . . . .	Stoddard.
Nichols, Linna Aurelia. . . . .	Arts. . . . .	Fr. . . . .	Parsons, Kan. . . . .	
Nichols, Dorothy. . . . .	{Arts. Educ.	Soph. Spec.	Eagleville. . . . .	Harrison.
Nichols, Elton Miles. . . . .	Arts. . . . .	Fr. . . . .	Lamar. . . . .	Barton.
		Sr. . . . .	Columbia. . . . .	Boone.

Name	Division	Class	Postoffice	County
Nichols, Everett George.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Nichols, Frata.....	Educ.....	1st Yr.....	Higbee.....	Randolph.
Nichols, Richard Clyde.....	Arts.....	Soph.....	Molino.....	Audrain.
Nichols, Robert Roy.....	Agr.....	Fr.....	Gallatin.....	Davies.
Nicholson, Gerald Alden.....	Eng.....	Fr.....	Sedalia.....	Pettis.
Nicholson, Zelma Jewell.....	Educ.....	2nd Yr.....	Albany.....	Gentry.
Nickerson, Elbert Louis.....	Arts.....	Soph.....	Bucklin.....	Linn.
Nickson, Wilbur.....	Arts.....	Soph.....	Nevada.....	Vernon.
Nickson, William Irwin.....	Agr.....	N. C.....	Columbia.....	Boone.
Nicolay, Alva R.....	Eng.....	Fr.....	Butler.....	Bates.
Nicoson, William McGarvey.....	Agr.....	Sr.....	Braymer.....	Caldwell.
Niedermeyer, Sabra.....	Arts.....	Fr.....	Columbia.....	Boone.
Nienhaus, Thomas Bernard.....	Eng.....	Jr.....	Perryville.....	Perry.
Nighswonger, Ray Dean.....	Arts.....	Sr.....	Cameron.....	Clinton.
Nightingale, Dorothy Virginia.....	(Arts..... Educ.....)	Sr..... 2nd Yr.....	Columbia.....	Boone.
Nightwine, Hugh Raymond.....	Arts.....	Fr.....	Sweet Springs.....	Saline.
Nightwine, Ross O.....	Arts.....	Soph.....	Sweet Springs.....	Saline.
Niles, Hobert M.....	Agr.....	Spec.....	Wellsboro, Penn.....	
Nisbet, Hugh.....	Eng.....	Fr.....	St. Louis.....	
Noel, Fred Lee.....	Agr.....	N. C.....	Denison, Texas.....	
Noel, Leon Travis.....	B. & P. A.....	1st Yr.....	Maitland.....	Holt.
Noland, Myrtle Octo.....	Arts.....	Fr.....	Lucerne.....	Putnam.
Nolen, Russell M.....	Arts.....	Soph.....	Paris.....	Monroe.
Noll, Rolf Russell.....	Agr.....	S. C.....	Glasgow.....	Howard.
Nollner, Anna May.....	Arts.....	Soph.....	Columbia.....	Boone.
Nolte, Bryan.....	Arts.....	Fr.....	Hutchinson, Kan.....	
Nolte, Theodore.....	Eng.....	Fr.....	New London.....	Ralls.
Norman, James A.....	Agr.....	N. C.....	Doniphan.....	Ripley.
Norman, Ruth.....	Arts.....	Fr.....	Eureka, Kan.....	
Norris, Ilene B.....	Agr.....	Soph.....	Golden City.....	Dade.
North, Arthur G.....	Arts.....	Fr.....	High Ridge.....	Jefferson.
Northcutt, Elizabeth.....	Arts.....	Soph.....	Columbia.....	Boone.
Northcutt, Ina Klosking, A. B., B. S. in Ed.....	Grad.....		Columbia.....	Boone.
Northrop, Mildred Benedict.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Northup, George William Woodward.....	Eng.....	Spec.....	Columbia.....	Boone.
Northup, Nettie Mae Adelaide.....	Arts.....	Fr.....	Columbia.....	Boone.
Norton, Richard Carter.....	Arts.....	Fr.....	Troy.....	Lincoln.
Norwine, Andrew Courtney.....	Arts.....	Jr.....	Flat River.....	St. Francois.
Norwood, Helene Alice, A. B. (Central College).....	Grad.....		Fayette.....	Howard.
Notson, Ervin Bruce.....	Arts.....	Jr.....	Nevada.....	Vernon.
Novinger, George John.....	B. & P. A.....	Spec.....	Kirksville.....	Adair.
Novinger, Glen W.....	Eng.....	Soph.....	Kirksville.....	Adair.
Nowell, Mildred Ann.....	Arts.....	Soph.....	Columbia.....	Boone.
Nowlin, Samuel Scott.....	Arts.....	Fr.....	Montgomery City.....	Montgomery.
Nuckols, Hazel M.....	Jour.....	2nd Yr.....	Savannah.....	Andrew.
Nuckols, J. Madge.....	Arts.....	Soph.....	Savannah.....	Andrews.
Nussbaum, Paul Beckman.....	(Arts..... Med.....)	Sr..... 2nd Yr.....	Cape Girardeau.....	C. Girardeau.
Nute, Albert C.....	Jour.....	Spec.....	Maitland.....	Polk.
Nutter, Charles.....	Arts.....	Soph.....	Fall City, Neb.....	
Oakerson, William Miles.....	Educ.....	Spec.....	Jefferson City.....	Cole.
O'Bannon, Fred Byron.....	Arts.....	Fr.....	Buffalo.....	Dallas.
O'Bannon, Sidney Paul.....	Eng.....	Soph.....	Garden City.....	Cass.
Obert, William F.....	Arts.....	Fr.....	Worden, Ill.....	
O'Brien, James Anthony.....	Arts.....	Soph.....	Webb City.....	Jasper.
O'Brien, Robert C.....	Agr.....	S. C.....	Fredericktown.....	Madison.
O'Bryen, Roland Feely.....	Arts.....	Soph.....	Shelbyville.....	Shelby.
Ochsner, Erwin Charles.....	Law.....	4th Yr.....	St. Louis.....	
Ocker, Arthur R.....	Arts.....	Fr.....	St. Louis.....	
O'Connell, Hugh.....	Agr.....	Spec.....	Kansas City.....	Jackson.
O'Dell, Alfred Taylor.....	Arts.....	Spec.....	Liberty, S. C.....	
O'Dell, Dan G.....	Arts.....	Fr.....	Sapulpa, Okla.....	
Oetting, Esther.....	Arts.....	Fr.....	Holt Summit.....	Callaway.
Ogden, Owen Middleton.....	B. & P. A.....	Spec.....	Kansas City.....	Jackson.
Ogle, Charles Freeman.....	Eng.....	Jr.....	Hematite.....	Jefferson.
Ogle, George Calvin, B. S. in Agr.....	Agr.....	Spec.....	Bowling Green.....	Pike.
O'Hare, Verna Georgia.....	Educ.....	Spec.....	Dudley.....	Stoddard.
O'Hare, Walter Heath.....	Agr.....	S. C.....	Pattonsburg.....	Davies.
O'Keefe, John Joseph, Jr.....	Law.....	1st Yr.....	Kansas City.....	Jackson.
O'Kell, Otta Clarence.....	Eng.....	Sr.....	Excelsior Springs.....	Clay.
O'Kelley, James Monroe, Jr.....	Arts.....	Soph.....	Aurora.....	Lawrence.
Oliver, Arthur.....	Eng.....	N. C.....	Novinger.....	Adair.
Oliver, Horbert F.....	Eng.....	Sr.....	Springfield.....	Greene.
Oliver, James Vivian.....	Eng.....	Fr.....	Columbia.....	Boone.
Oliver, Thelma Livonia.....	Arts.....	Fr.....	Columbia.....	Boone.
Oliver, Virginia Florence.....	B. & P. A.....	1st Yr.....	Columbia.....	Boone.



Name	Division	Class	Postoffice	County
Oliver, William H.	Eng.	Fr.	Columbia.	Boone.
Oliver, William Isaac, B. S. in Ed.	Grad.		Columbia.	Boone.
Omsted, Clarence Vivien.	Arts.	Jr.	Carthage.	Jasper.
Olson, Albert Gustaf.	Arts.	Jr.	Kansas City.	Jackson.
Olson, John Leroy.	Agr.	Jr.	St. Joseph.	Buchanan.
O'Neal, Emmett Cleveland, B. S. in Agr.	Agr.	Spec.	Greenfield.	Bates.
O'Neal, Samuel Amos.	Jour.	2nd Yr.	Blackwater.	Cooper.
Oonk, William Joseph.	Eng.	Sr.	St. Louis.	
Opin, Edward.	Arts.	Jr.	New York City.	
Opitz, George Wallace.	Arts.	Fr.	Owensville.	Gasconade.
O'Reilly, Richard Ryan.	Agr.	Jr.	St. Louis.	
Oringel, Louis.	Arts.	Jr.		
	Med.	1st Yr.	New York City.	
Ornburn, Benedict Joseph.	Eng.	Jr.	Moberly.	Randolph.
Ornes, Marcus.	Agr.	S. C.	Cole Camp.	Benton.
Orr, Benjamin Neville.	Arts.	Soph.	Kansas City.	Jackson.
Orr, Mildred Opal.	Arts.	Soph.	Braymer.	Caldwell.
Orris, John A.	Arts.	Sr.		
	Med.	2nd Yr.	Rich Hill.	Bates.
Ortner, Abraham George.	Arts.	Spec.	Clinton.	Henry.
Orton, Mrs. Ivah.	Arts.	Spec.	Columbia.	Boone.
Orton, James Thomas.	Eng.	Soph.	Columbia.	Boone.
Osborn, Margaret Frances.	Arts.	Fr.	Salisbury.	Chariton.
Ost, John Alfred.	B. & P. A.	1st Yr.	St. Louis.	
Ott, Julia V.	Arts.	Sr.	Independence.	Jackson.
Ott, Lee E.	Agr.	S. C.	Helena.	Andrew.
Otto, A. D., Jr.	Arts.	Fr.	Kingston.	Caldwell.
Otto, John Leonard.	Arts.	Fr.	Centralia.	Boone.
Otto, Robert George.	Jour.	Spec.	Independence.	Jackson.
Overholser, Milton David.	Arts.	Jr.		
	Med.	1st Yr.	Harrison.	Cass.
Overstreet, Callie Virginia.	Arts.	Fr.	Jefferson City.	Cole.
Overstreet, Martha Elizabeth.	Arts.	Soph.	Jefferson City.	Cole.
Overton, Inez F.	Arts.	Fr.	Mill Grove.	Mercer.
Owen, Jim M.	Agr.	Fr.	Marshfield.	Webster.
Owen, Judson R.	Agr.	N. C.	St. Louis.	
Owen, Lloyd Eugeno.	Arts.	Fr.	Warsaw.	Benton.
Owen, Loye Darian.	Educ.	Spec.	Chicago, Ill.	
Owen, Verna M.	Arts.	Spec.	Lexington.	Lafayette.
Owens, Charles Floyd.	Arts.	Soph.	Windsor.	Henry.
Owens, John Wiley.	Agr.	N. C.	Kennett.	Dunklin.
Owings, Emilee Brown.	Educ.	Spec.	Fayette.	Howard.
Owings, Portia.	Educ.	2nd Yr.	Fayette.	Howard.
Packwood, S. F. Ted.	B. & P. A.	1st Yr.	St. Joseph.	Buchanan.
Padan, William Reynolds.	Agr.	Spec.	Shamrock.	Callaway.
Padan, William Wiley.	Arts.	Fr.	Pueblo, Colo.	
Page, Earl D. Marvin.	Agr.	Sr.	Joplin.	Jasper.
Page, George Everett.	Arts.	Soph.	Kansas City.	Jackson.
Painter, Curtis Neale.	Arts.	Soph.	Greenfield.	Dade.
Painter, George Lester.	Arts.	Soph.	Greenfield.	Dade.
Palermo, James Vincent.	Eng.	Fr.	Kansas City.	Jackson.
Palmer, Amelia Catharine.	Arts.	Sr.	Kansas City.	Jackson.
Palmer, Harriet Noan.	Educ.	2nd Yr.	Fulton.	Callaway.
Palmer, Joe Schuyler.	Eng.	Sr.	Kansas City.	Jackson.
Palmer, Margaret E.	Arts.	Sr.	Montgomery City.	Montgomery.
Palmer, Olga.	Arts.	Fr.	Milo.	Vernon.
Pape, Eulalie, A. B., B. S. in Ed.	Grad.		Columbia.	Boone.
Paranagua, August Wegnelin N.	Agr.	Sr.	Rio de Janeiro, Brazil.	
Parke, Gladys Augusta.	Educ.	Spec.	New Haven.	Franklin.
Parker, Chester West.	Arts.	Fr.	Houston.	Texas.
Parker, Hubert M.	Arts.	Sr.		
	Med.	1st Yr.	Kansas City.	Jackson.
Parker, Lester Shepard, Jr.	Arts.	Sr.		
	B. & P. A.	1st Yr.	Jefferson City.	Cole.
Parker, Marie, B. S. in Ed.	Arts.	Sr.	Maywood.	Lewis.
Parker, William Bahlmann, A. B.	Grad.		Kansas City.	Jackson.
Parks, Ralph Rex.	Eng.	Fr.	Columbia.	Boone.
Parks, Thomas.	Arts.	Soph.	Columbia.	Boone.
Parrett, Alberta Maude.	Arts.	Soph.	Columbia.	Boone.
Parrett, Isla Hester.	Educ.	1st Yr.	Columbia.	Boone.
Parrhysius, Myrtle Juanita.	Jour.	Spec.	Hutchison, Minn.	
Parrish, Ada Alice.	Arts.	Fr.	Kansas City.	Jackson.
Parrish, Frank I.	Agr.	S. C.	Union City, Tenn.	
Parrish, Harold Edward.	Arts.	Sr.	Memphis.	Stoddard.
Parry, Thomas Wood, Jr.	Arts.	Soph.	Kansas City.	Jackson.
Parsons, Florida Fenton.	Educ.	2nd Yr.	St. Charles.	St. Charles.
Parsons, Glen B.	Arts.	Fr.	Warrensburg.	Johnson.
Pate, Charles C.	Eng.	Sr.	Kansas City.	Jackson.
Pate, Herbert James.	Arts.	Fr.	Hobart, Okla.	

Name	Division	Class	Postoffice	County
Patel, Makanji Kalyanji.....	Arts.....	Fr.....	Surat, India.....	
Patel, Manilal Shankerbhai.....	Arts.....	Fr.....	Bombay, India.....	
Patel, Parbhobhai Lulbhai.....	Agr.....	Spec.....	Surat, India.....	
Patrick, Frances.....	Educ.....	1st Yr.....	Breckenridge.....	Daviess.
Patten, Alonzo B.....	Eng.....	Fr.....	Hume.....	Bates.
Patterson, Harry E.....	Agr.....	N. C.....		
Patterson, Marjorie, A. B.....	Educ.....	2nd Yr.....	Kansas City.....	Jackson.
Patton, David.....	Arts.....	Soph.....	Columbia.....	Boone.
Patton, Hugh C.....	Agr.....	N. C.....	Columbia.....	Boone.
Patton, James Smith.....	Arts.....	Jr.....	Columbia.....	Boone.
Paulette, George Wilson.....	Eng.....	Sr.....	Kansas City.....	Jackson.
Paulfrey, James, Jr.....	Med.....	1st Yr.....	Higbee.....	Randolph.
Pauley, Emma Lucille.....	Arts.....	Soph.....	St. Louis.....	
Paxton, Emory Foster.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Payne, Anna Marie.....	Educ.....	2nd Yr.....	Muskogee, Okla.....	
Payne, Edith Lee.....	Educ.....	1st Yr.....	Columbia.....	Boone.
Payne, Eugene H.....	Arts.....	Jr.....	Rockville.....	St. Clair.
Peabody, Margerie M.....	Jour.....	2nd Yr.....	Kansas City.....	Jackson.
Pearse, Herman Elwyn, Jr.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Pearson, Frank Edward.....	Eng.....	Fr.....	Clinton.....	Henry.
Pearson, Ida Rhea.....	Educ.....	2nd Yr.....	Mexico.....	Audrain.
Pearson, Irene A.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Pearson, Maurice Ward, Jr.....	Agr.....	Jr.....	Kirkwood.....	St. Louis.
Pearson, R. W.....	Educ.....	Spec.....	Ashtabula, Ohio.....	
Pearson, Rozier Hall.....	Arts.....	Jr.....	Kirkwood.....	St. Louis.
Peck, William Fayne.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
Peck, William Miller.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Peckenpaugh, Eunice.....	Arts.....	Fr.....	Paris.....	Monroe.
Peek, Lucile W.....	Arts.....	Fr.....	Independence.....	Jackson.
Pemberton, Gladys Guinevere.....	Arts.....	Fr.....	Iberia.....	Miller.
Pemberton, Morton Hord.....	Agr.....	Fr.....	Centralia.....	Boone.
Pemberton, Robert Earl.....	Arts.....	Fr.....	Fayette.....	Howard.
Pence, Clara.....	Arts.....	Fr.....	Tiffin.....	St. Clair.
Pence, Katherine Calhoun.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Pendergast, Francis Gregory.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Penn, Hallie Vivian.....	Arts.....	Soph.....	Wellsville.....	Montgomery.
Penn, Henry Capler.....	Educ.....	Spec.....	Fayette.....	Howard.
Pennington, Ellen Lucile.....	Arts.....	{Fr.....		
		{Nurse.....	Carthage.....	Jasper.
Pennington, Lorraine.....	Arts.....	Soph.....	Hickman Mills.....	Jackson.
Pennington, Stella Mae.....	Arts.....	Sr.....	Hickman Mills.....	Jackson.
Pennington, William Ray.....	Agr.....	Fr.....	Hickman Mills.....	Jackson.
Pepper, Henry Cornelius.....	Arts.....	Sr.....	Columbia.....	Boone.
Pepper, Marie Jessie.....	Arts.....	Soph.....	Columbia.....	Boone.
Perkins, Mary Catherine.....	Arts.....	Fr.....	Grubville.....	Jefferson.
Perkins, Mary Crowell.....	Arts.....	Soph.....	Portland, Me.....	
Perky, Charles Lennard.....	Agr.....	N. C.....	Brookfield.....	Linn.
Perreten, Paul Harrison.....	Arts.....	Sr.....	Carrollton.....	Carroll.
Perrie, Virginia Belle.....	Educ.....	1st Yr.....	Kansas City.....	Jackson.
Perrin, John Luther Terrell.....	Agr.....	Jr.....	Brunswick.....	Chariton.
Perrine, Roberta Margaret.....	Arts.....	Soph.....	Chillicothe.....	Livingston.
Perry, Gerald F.....	Jour.....	Spec.....	Afton, Ia.....	
Perry, Helen B.....	Educ.....	1st Yr.....	Braymer.....	Caldwell.
Perry, James William.....	B. & P. A.....	1st Yr.....	Windsor.....	Henry.
Perry, Osmond Danford.....	B. & P. A.....	Spec.....	Clayton.....	St. Louis.
Perryman, Mrs. Lucile John- son.....	Arts.....	Soph.....	Chillicothe.....	Livingston.
Pershing, Gladys Irene.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Perstein, Isadore Arnold.....	Law.....	1st Yr.....	Madison, Wis.....	
Pesell, George M.....	Eng.....	Fr.....	Ferguson.....	St. Louis.
Peter, Ernest Luther.....	Agr.....	Spec.....	West Plains.....	Howell.
Peter, Francis Benson.....	Eng.....	Fr.....	Troy.....	Lincoln.
Peterman, Charles D.....	Agr.....	S. C.....	Miami.....	Saline.
Peters, Augusta Amberlo.....	Arts.....	Fr.....	Calhoun.....	Henry.
Peters, Chester Julius, A. B.....	Educ.....	2nd Yr.....	Green City.....	Sullivan.
Peters, Fredus Nelson, Jr., A. B.....	Grad.....		Los Angeles, Cal.....	
Peters, Mrs. Helen Moulton.....	Educ.....	2nd Yr.....	Kansas City.....	Jackson.
Peterson, Kyle Raymond.....	{Agr.....	Sr.....		
	{Educ.....	1st Yr.....	Tarkio.....	Atchison.
Peterson, Paul Murrey.....	Law.....	3rd Yr.....	Lockwood.....	Dade.
Petick, Frances Blakemore.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Petsch, Carl F., B. S. in Agr.....	Grad.....		Lexington.....	Lafayette.
Petty, Mrs. Ada McKinney.....	Educ.....	2nd Yr.....	Columbia.....	Boone.
Petty, Gerald McKinney.....	Agr.....	Sr.....	Columbia.....	Boone.
Petty, Grace Eugene.....	Agr.....	Spec.....	Tarkio.....	Atchison.
Petty, Rubey.....	Arts.....	Spec.....	Columbia.....	Boone.
Peyton, Mary Jane.....	Arts.....	Fr.....	St. Louis.....	
Pflueger, Wallace.....	Arts.....	Fr.....	St. Louis.....	
Pfost, Lester R., B. S. (Central State Teachers College).....	Grad.....		Butler.....	Bates.
Pfremmer, Ralph Kendrick.....	Arts.....	Soph.....	Baxter Springs, Kan.....	
Phelan, David S.....	Arts.....	Spec.....	St. Louis.....	
Phelan, James.....	Arts.....	Spec.....	San Francisco, Cal.....	

Name	Division	Class	Postoffice	County
Phelan, John M.	Agr.	Spec.	Allenton.	St. Louis.
Phelps, Herbert Camille.	Agr.	S. C.	Palmyra.	Marion.
Philippi, Frances Ruth.	(Educ.	2nd Yr.		
	(Grad.		Columbia.	Boone.
Phillips, Donald Elijah.	Eng.	Fr.	Eldorado Springs.	Cedar.
Phillips, George Bennett, Jr.	B. & P. A.	Spec.	Columbia.	Boone.
Phillips, Grace Opal.	Arts.	Fr.	Braymer.	Caldwell.
Phillips, Hanford.	Med.	1st Yr.	Myrtle.	Oregon.
Phillips, Harvey Thomas.	Arts.	Soph.	Carrollton.	Carroll.
Phillips, Ruth Browning.	Jour.	1st Yr.	Marshall.	Saline.
Phillips, Savola.	Arts.	Fr.	Molino.	Monroe.
Phillips, Thelma D.	Arts.	Soph.	Columbia.	Boone.
Phillips, Ursula.	Arts.	Fr.	Molino.	Monroe.
Phipps, Dee.	Eng.	N. C.	Brunot.	Wayne.
Phleger, Mary Kercheval.	Jr.		Kansas City.	Jackson.
Pickard, Wayne.	Arts.	Fr.	St. Joseph.	Buchanan.
Pickel, Laura Catherine, A. B.	Educ.	2nd Yr.	Kirkwood.	St. Louis.
Picton, Edward B.	Arts.	Soph.	Rockport, Texas.	
Piepmeyer, Hilda.	Arts.	Soph.	Levasy.	Jackson.
Pierce, Mrs. Anna.	Educ.	Spec.	New Hampton.	Harrison.
Pierce, Julia.	Arts.	Fr.	Mexico.	Audrain.
Pierce, Mildred.	Arts.	Fr.	DeKalb.	Buchanan.
Pierce, Rowena Ruth.	Jour.	1st Yr.	Oregon.	Holt.
Pierlow, Ferdinand Victor.	Agr.	N. C.	St. Louis.	
Pierson, Albert L.	Arts.	Soph.	Kansas City.	Jackson.
Pierson, John Thomas.	Agr.	S. C.	Dearborn.	Platte.
Pigg, Herman Gerald.	Arts.	Fr.	Hallsville.	Boone.
Piggott, Anna Lou.	(Arts.	Sr.		
	(Educ.	2nd Yr.	Kansas City.	Jackson.
Pile, Hollis Lee.	Agr.	S. C.	St. Joseph.	Buchanan.
Pile, Terry Wing.	Agr.	Soph.	Glasgow.	Howard.
Pilley, Frank Ernest.	Arts.	Fr.	Kansas City.	Jackson.
Pinney, Louis Erwin.	Eng.	Soph.	Bozworth.	Carroll.
Pipes, James G.	Agr.	N. C.	Madison, Ill.	
Pippin, Drura LaVega.	Agr.	Jr.	Waynesville.	Pulaski.
Pirkle, Winnifred.	Arts.	Fr.	Shreveport, La.	
Pitman, Raymond.	Arts.	Fr.	Carterville.	Jasper.
Pitney, Thornton.	Arts.	Fr.	Grant City.	Worth.
Pittenger, Aubrey Orlan.	Agr.	Jr.	Bellflower.	Montgomery.
Pitts, Mary D.	Arts.	Sr.	Roanoke.	Howard.
Plack, Russell Spencer.	Arts.	Soph.	Kansas City.	Jackson.
Platt, Jerry Evarts.	Arts.	Fr.	St. Joseph.	Buchanan.
Plattenburg, George Preston.	Eng.	Fr.	Higginsville.	Lafayette.
Plattenburg, Horace Hume.	Agr.	Sr.	Kansas City.	Jackson.
Plattenburg, Quincy Lee.	Agr.	Jr.	Kansas City.	Jackson.
Playter, Marion.	Arts.	Soph.	Joplin.	Jasper.
Plitt, Lindenman Gladstone.	Educ.	1st Yr.	Burlington, Ia.	
Ploesser, John H., A. B. (Central College).	Grad.			
Plummer, Lena S.	Educ.	2nd Yr.	Ashburn.	Pike.
Poage, Robert Courtney.	Eng.	Soph.	Hale.	Carroll.
Poechel, Erna Louise.	Arts.	Soph.	Centerview.	Johnson.
Polk, Ellen Rebecca.	Arts.	Soph.	Hermann.	Gasconade.
Pollard, Charles L.	Arts.	Soph.	Weston.	Platte.
Pollard, Naomi B.	Arts.	Jr.	Columbia.	Boone.
Pollard, William J.	Arts.	Fr.	Columbia.	Boone.
Polley, George W.	Jour.	Spec.	Kansas City.	Jackson.
Pollock, Lewis Dudley.	Eng.	Soph.	Oregon.	Holt.
Pollock, Owen, B. S. in Agr.	Agr.	Jr.	Powersville.	Putnam.
Polster, Raymond G.	Grad.		Campbell.	Dunklin.
Ponce, John.	Agr.	Sr.	Warrenton.	Warren.
Ponder, Rudolph.	Agr.	N. C.	E. St. Louis, Ill.	
Pontius, Katherine Flournoy, A. B.	Arts.	Fr.	Bertrand.	Mississippi.
Pool, Alfred Dunning.	Jour.	2nd Yr.	Kansas City.	Jackson.
Pool, Cance A.	Eng.	Sr.	Columbia.	Boone.
Pool, Catherine Alice.	Jour.	1st Yr.	Jefferson City.	Cole.
Poor, Carl W.	Arts.	Fr.	Callao.	Macon.
Poppescu, Valentina Cornelia.	Arts.	Fr.	Fairview.	Newton.
Porteous, Allan.	Arts.	Jr.	Washington, D. C.	
Porter, Blanche Alnetta.	Arts.	Fr.	St. Louis.	
Porter, Eddie Richard.	Educ.	1st Yr.	Joplin.	Jasper.
Porter, Frank, A. B.	Arts.	Fr.	Edina.	Knox.
Porter, Fred Lee.	Grad.		Auxvasse.	Callaway.
Porter, Joseph Edward.	Agr.	S. C.	Lewistown.	Lewis.
Porter, Julia Anne.	Arts.	Soph.	Milan.	Sullivan.
Porter, Ralph Everett.	Educ.	2nd Yr.	Blue Springs.	Jackson.
Porter, Thomas Isaac, A. B., B. S. in Ed.	Eng.	Fr.	Kansas City.	Jackson.
Poston, Frank Dallam.	Grad.		Harrisburg.	Howard.
Poteet, Brittain.	Agr.	Sr.	Bonne Terre.	St. Francois.
Pott, Curt William Fred.	Arts.	Fr.	St. Joseph.	Buchanan.
Potter, Earle B.	Eng.	Soph.	Cape Girardeau.	C. Girardeau.
Potter, Florence Mae.	Eng.	Soph.	Kansas City.	Jackson.
Potter, Loren William.	Agr.	Fr.	Columbia.	Boone.
	B. & P. A.	1st Yr.	Laclede.	Linn.



Name	Division	Class	Postoffice	County
Potter, Louis Darius	Law	3rd Yr.	Winston	Davies.
Potts, Mary Kathryn	Arts	Soph	Columbia	Boone.
Powell, Catherine T.	Arts	Fr	Montgomery City	Montgomery.
Powell, Clarence Albert, A. B.	Law	3rd Yr.	Dexter	Stoddard.
Powell, Edna Cleo	Educ	Spec	Harrisburg	Boone.
Powell, Ethel	Arts	Fr	Montgomery City	Montgomery.
Powell, Fred Marion	Arts	Fr	Joplin	Jasper.
Powell, James Edward	Law	1st Yr	Elsberry	Lincoln.
Powell, Letitia Sybil	Educ	Spec	Rolla	Phelps.
Powell, Marian Lee	Arts	Fr	Hallsville	Boone.
Powell, Ola V.	Arts	Soph	St. James	Phelps.
Powers, Gladys Gertrude	Arts	Fr	Shelbina	Shelby.
Prather, Sam E.	Eng	Fr	Poplar Bluff	Butler.
Prather, Carson Bright	Eng	Soph	Columbia	Boone.
Prather, Evelyn Durette	Educ	2nd Yr	Columbia	Boone.
Prather, Marguerite	Agr	Fr	Columbia	Boone.
Prather, Raymond O.	Arts	Sr	Columbia	Boone.
Pratt, Dannette Ruth	Arts	Sr	Oklahoma City, Okla.	
Pratt, Guy Franklin	Arts	Fr	Kansas City	Jackson.
Pratt, Louis C.	Agr	Soph	Appleton City	St. Clair.
Premier, Ray	Agr	N. C.	Bethany	Harrison.
Prescher, Walter	Agr	S. C.	Saxton	Buchanan.
Prewitt, Robert Chandler	Arts	Fr	Wellsville	Montgomery.
Pribble, Sidney W.	Agr	N. C.	St. Louis	
Price, Frederick Sparks	Agr	Fr	Malta Bend	Saline.
Price, James Hart, Jr.	Arts	Fr	Webster Groves	St. Louis.
Price, James William	Jour	1st Yr	Princeton	Mercer.
Price, Julia Elizabeth	Arts	Jr	Malta Bend	Saline.
Price, Lawrence Wallace	Agr	Sr	Joplin	Jasper.
Price, Orville Bryan, B. S. in Agr.	Grad		Columbia	Boone.
Price, Ruth Ann	Arts	Jr	Marshall	Saline.
Pritchett, Coe Seibel	Agr	Jr	New London	Ralls.
Priesmeyer, Fredericka Jane	Arts	Soph	Moberly	Randolph.
Prior, Erwin H.	Agr	N. C.	Marthasville	Warren.
Proctor, Downing E.	Arts	Soph	Kansas City	Jackson.
Proctor, Grace	Arts	Spec	Columbia	Boone.
Proctor, Emma Dee	Educ	1st Yr	California	Moniteau.
Proctor, Hugh Coleman	Arts	Jr	Independence	Jackson.
Proctor, Robert Johnsson	Eng	Fr	St. Joseph	Buchanan.
Proctor, Thomas Victor	Law	Spec	Monroe City	Monroe.
Pruett, Hubert Shelby	Arts	Jr	Senath	Dunklin.
Prunty, Margaret Stanley	Educ	Spec	Macon	Macon.
Pryor, Hattie	Educ	Spec	Mexico	Audrain.
Pryor, Margaret	Educ	Spec	Mexico	Audrain.
Pryor, Ralph William, A. B. (Central College)	Grad		Fayette	Howard.
Puckett, Ellis Nash	Arts	Fr	Gower	Clinton.
Puckett, Harold G.	Agr	Jr	Gower	Clinton.
Puckett, Lowell Mitchell	Arts	Soph	Gower	Clinton.
Pugh, Gladdon A.	Eng	Fr	Paris	Monroe.
Pulley, Alva Lee	Agr	Soph	King City	Gentry.
Pullman, Mrs. Emma Luthin	Arts	Fr	Quincy, Ill.	
Putman, Jesse G., Jr.	B. & P. A.	1st Yr	Ft. Smith, Ark.	
Putman, Marion	Arts	Jr	El Paso, Texas	
Pyle, Marmaduke Medlin	Arts	Jr	Columbia	Boone.
Pyle, Maxwell Edward Howard	Arts	Jr	Columbia	Boone.
Pyle, Nick Harvey	Agr	Sr	Armstrong	Howard.
Pyle, Vernus N.	Eng	Fr	Columbia	Boone.
Quackenbush, Ezra R.	Eng	Fr	Irwin	Barton.
Quarles, James N.	Arts	Spec	Dadeville	Dade.
Quick, George Weston	Arts	Fr	Colorado Springs, Colo.	
Quick, Paul S.	Agr	Soph	Quick City	Johnson.
Quigley, Jessie Grace	Grad		New York City	
Quigley, John Baird	Law	1st Yr	Shenandoah, Ia.	
Quigley, Michael	Agr	Jr	Albany	Gentry.
Quimby, Curtis Johnston	B. & P. A.	Spec	Kansas City	Jackson.
Quimby, George A.	Arts	Fr	Kansas City	Jackson.
Quinn, Albert M.	Agr	N. C.	Brashear	Adair.
Quinn, Alex Floyd	B. & P. A.	2nd Yr	Gower	Clinton.
Quinn, Allen	Jour	Spec	Kansas City	Jackson.
Quinn, Everett Roy	Arts	Fr	Columbia	Boone.
Quinn, James Alfred, A. B.	Grad		Lees Summit	Jackson.
Quinn, Mrs. Russell Lucile Clements	Educ	2nd Yr	Columbia	Boone.
Quisenberry, Lester	Agr	S. C.	Columbia	Boone.
Rabkin, Israel	Arts	Soph	Brooklyn, N. Y.	
Ragland, Frances	Arts	Soph	Kansas City	Jackson.
Ragle, Logan, Jr.	Arts	Fr	Pueblo, Colo.	
Rainey, Harold Michael	Arts	Fr	Elk City, Kan.	

## LIST OF STUDENTS

311

Name	Division	Class	Postoffice	County
Rail, Harry Trauble	Eng.	Spec.	Glasgow	Howard.
Ralston, Helen	Arts.	Fr.	Breckenridge	Caldwell.
Ramsey, Harold Thomas, B. S. in Ed.	Grad.		Maryville.	Nodaway.
Ramsey, Margaret Gladys	Educ.	1st Yr.	Joplin.	Jasper.
Randall, Mary Martha	Arts.	Fr.	Neodesha, Kan.	
Randall, Osmer Samuel	Arts.	Jr.	Ft. Worth, Texas.	
Randall, Paul	Eng.	Spec.	Sarcoie.	Jasper.
Randolph, John P.	Law.	3rd Yr.	St. Joseph.	Buchanan.
Ranson, Samuel Hays	Arts.	Soph.	Wichita, Kan.	
Rapaport, Irving S.	Arts.	Fr.	New York, N. Y.	
Rappaport, Hymen.	(Arts. B. & P. A.)	Soph. 1st Yr.	St. Joseph.	Buchanan.
Rash, Gussie	Arts.	Fr.	Paris.	Monroe.
Rathburn, Virgil Levi	Law.	4th Yr.	Maryville.	Nodaway.
Rauscher, Ralph Zimmerman	Arts.	Soph.	Kaholka.	Clark.
Ray, David Warren	Arts.	Fr.	Hayti.	Pemiscot.
Ray, Zeta Irene	Arts.	Fr.	Shelbyville.	Shelby.
Raymen, Louis	Arts.	Fr.	St. Joseph.	Buchanan.
Raymond, Harvey	Arts.	Soph.	St. Louis.	
Raynor, Rolf	Agr.	N. C.	Kansas City.	Jackson.
Rea, C. Frank	Agr.	Jr.	Mildred.	Taney.
Rea, J. Reavis	Arts.	Jr.	DeWitt.	Carroll.
Rea, Ruth	Arts.	Soph.	Carrollton.	Carroll.
Reading, Henry Eugene	(Arts. Med.)	Jr. 1st Yr.	St. Louis.	
Reading, Renny	Agr.	S. C.	Curryville.	Pike.
Reagan, Franklin E.	Arts.	Soph.	Ironton.	Iron.
Rector, Edward Stanley	B. & P. A.	1st Yr.	Glenwood.	Schuyler.
Rector, James Ward	Arts.	Fr.	Glenwood.	Schuyler.
Rector, William Lee, A. B. Baptist Univ. of Okla.)	Grad.		Shawnee, Okla.	
Redd, Lloyd Russell	Agr.	Sr.	Knobnoster	Johnson.
Redden, Tarleton, Levell	Arts.	Fr.	St. Louis.	
Redford, Mary Malcolm	Agr.	Soph.	Warrensburg.	Johnson.
Redford, Sameul Courts, A. B. (Baptist Univ. of Okla.)	Grad.		Edmond, Okla.	
Redman, Sally G.	Educ.	Spec.	Palmyra.	Marion.
Reece, John Wesley	Eng.	Soph.	Stanberry.	Gentry.
Reed, Calvin DeWitt	Arts.	Fr.	Wellsville.	Montgomery.
Reed, Forrest Riley	Arts.	Fr.	Paris.	Monroe.
Reed, Guy Marvin	Agr.	N. C.	Santa Fe.	Monroe.
Reed, Jarvis Joe	Agr.	Jr.	Springdale, Ark.	
Reed, Marion Helen	Arts.	Soph.	Wagoner, Okla.	
Reed, Martin Murry	Law.	1st Yr.	Auxvasse.	Callaway.
Reed, Ralph Bradshaw	Arts.	Soph.	St. Louis.	
Reed, Ralph M.	Eng.	Jr.	Cape Girardeau.	C. Girardeau.
Reedy, Clarence P.	Eng.	Soph.	Kansas City.	Jackson.
Reel, Eugene Taylor	Agr.	Sr.	Nevada.	Vernon.
Rees, E. C.	Agr.	Spec.	Savannah.	Andrew.
Rees, Lena Myrtle	Arts.	Fr.	Rushville.	Buchanan.
Rees, Walter Russell	Arts.	Fr.	Columbia.	Boone.
Reese, James Russell	Arts.	Soph.	Kansas City.	Jackson.
Rehkop, Leonard	Agr.	S. C.	Higginsville.	Lafayette.
Reicher, Joe	Arts.	Fr.	Kansas City.	Jackson.
Reid, Mrs. Effie Lee	Jour.	Spec.	Columbia.	Boone.
Reid, Elizabeth	Arts.	Soph.	Columbia.	Boone.
Reid, George Marion	Arts.	Fr.	Wayland.	Clark.
Reid, Grace	Educ.	Spec.	Harrisonville.	Cass.
Reid, Jim Bill	Eng.	Sr.	Wentzville.	St. Charles.
Reid, Lewis H.	Arts.	Soph.	Carrollton.	Carroll.
Reid, Roswell S.	Jour.	Spec.	Columbia.	Boone.
Reid, Virginia Eleanor	Arts.	Fr.	Columbia.	Boone.
Reilly, Harold	Eng.	Fr.	Lamar.	Barton.
Reilly, Mark B.	Eng.	Sr.	Columbia.	Boone.
Reilly, Ruth Rachel	Educ.	2nd Yr.	Gilman City.	Harrison.
Reinke, Harry William	Eng.	Fr.	Sweet Springs.	Saline.
Reinhard, Victor Butler	Arts.	Soph.	Union.	Franklin.
Reitman, Helen Mae	Arts.	Soph.	Columbia.	Boone.
Remley, Norman William	Agr.	Fr.	Orrick.	Ray.
Reneger, Cecil Alfred	Agr.	Soph.	Bismarck.	St. Francois.
Renn, Oscar, A. B.	Law.	3rd Yr.	Summersville, Tex.	
Renner, J. D.	Agr.	S. C.	Canalou.	New Madrid.
Reno, Benjamin Franklin	Eng.	Fr.	Columbia.	Boone.
Reno, Guy Leroy	Arts.	Fr.	Columbia.	Boone.
Rens, Clifford C.	Arts.	Fr.	St. Louis.	
Resnick, Manuel	B. & P. A.	1st Yr.	St. Joseph.	Buchanan.
Reuszer, Herbert W.	Eng.	Fr.	St. Joseph.	Moniteau.
Reyes, Ricardo Orate	Arts.	Soph.	Lingayen, P. I.	
Reynolds, Kathryn L.	Jour.	2nd Yr.	Caruthersville.	Pemiscot.
Reynolds, Richard Mansfield	Arts.	Fr.	Kansas City.	Jackson.
Rezab, Frank Steve	Jour.	Spec.	Winona, Minn.	
Rhea, David D.	Arts.	Fr.	Kansas City.	Jackson.
Rhine, Fred, Jr.	Agr.	Fr.	Kansas City.	Jackson.
Rhoades, Flora E.	Educ.	2nd Yr.	Slater.	Saline.

Name	Division	Class	Postoffice	County
Rhoades, Floy C. ....	Educ. ....	2nd Yr.	Slater. ....	Saline.
Rhoades, Vesta. ....	Educ. ....	2nd Yr.	Slater. ....	Saline.
Rhoads, Alva Thurman. ....	Arts. ....	Fr.	Green City. ....	Sullivan.
Rhodes, Anna Margaret. ....	Educ. ....	2nd Yr.	Columbia. ....	Boone.
Rhodes, Irene. ....	Arts. ....	Soph.	Columbia. ....	Boone.
Rhodes, James Louis. ....	Eng. ....	N. C.		
Rhodes, Marion Benjamin. ....	Arts. ....	Sr.	Potosi. ....	Washington.
Riback, Harry. ....	Arts. ....	Fr.	Columbia. ....	Boone.
Rice, H. Edwin. ....	Arts. ....	Fr.	Neosho. ....	Newton.
Rice, Herbert F. ....	Jour. ....	Spec.	Columbia. ....	Boone.
Rice, James Briggs. ....	Agr. ....	Fr.	Holden. ....	Johnson.
Rice, James Carl. ....	Arts. ....	Jr.	New Florence. ....	Montgomery.
Rice, Montana. ....	Arts. ....	Soph.	Palmyra. ....	Marion.
Rich, Clarence Harding. ....	Arts. ....	Fr.	Moundville. ....	Vernon.
Rich, Edward Ewin, A. B. (Central College). ....	Grad. ....		Fayette. ....	Howard.
Richards, Della B. ....	{Jour. .... Arts. ....	2nd Yr.		
Richards, Frank. ....	Agr. ....	Sr.	Columbia. ....	Boone.
Richards, Gladys Lucile. ....	Arts. ....	Soph.	Fredericktown. ....	Madison.
Richards, Lee Mallerson. ....	Eng. ....	Sr.	Columbia. ....	Boone.
Richardson, Herbert Alfred. ....	Arts. ....	Jr.	St. Louis. ....	
Richardson, Irma. ....	Arts. ....	Fr.	Columbia. ....	Boone.
Richard, Granville Allen. ....	Arts. ....	Fr.	Abbeville, La. ....	
Richmond, Fred Clarence. ....	Agr. ....	Soph.	Blackburn. ....	Saline.
Rickett, Mrs. Lydia A. ....	Fr. ....		Columbia. ....	Boone.
Ricker, Paul Lawrence. ....	Educ. ....	Spec.	Kansas City. ....	Jackson.
Ricketts, Frederick George. ....	Agr. ....	Soph.	Columbia. ....	Boone.
Rickhoff, Stanley E. ....	Soph. ....		Springfield. ....	Greene.
Rieff, Thelma Kathryn. ....	Arts. ....	Fr.	Chamais. ....	Osage.
Riefling, Richard George. ....	Arts. ....	Soph.	Fayetteville, Ark. ....	
Rierner, Charles J. ....	Arts. ....	Soph.	St. Louis. ....	
Riemen, Charles J. ....	Agr. ....	Spec.	St. Louis. ....	
Riepen, Clarence Everett. ....	Arts. ....	Fr.	St. Joseph. ....	Buchanan.
Rifkin, Lena. ....	Arts. ....	Spec.	New York, N. Y. ....	
Riggs, Robert Langmuir. ....	Arts. ....	Soph.	Ironton. ....	Iron.
Riley, John P. ....	Arts. ....	Fr.	Sedalia. ....	Pettis.
Riley, John Witcomb. ....	Agr. ....	Spec.	Mayview. ....	Lafayette.
Riley, Lee Hunter. ....	B. & P. A. ....	2nd Yr.	New Madrid. ....	New Madrid.
Riley, Nelson J. ....	Arts. ....	Spec.	St. Louis. ....	
Ring, Dorothy R. ....	Jour. ....	Spec.	St. Louis. ....	
Ringhauser, Paul R. ....	Agr. ....	S. C.	Hardin, Ill. ....	
Ringier, Margaret Jean. ....	Arts. ....	Fr.	Quincy, Ill. ....	
Ringo, Lucille Parradine. ....	Educ. ....	2nd Yr.	Ironton. ....	Iron.
Riordan, Mary Elizabeth. ....	Educ. ....	2nd Yr.	Hannibal. ....	Marion.
Rippey, Will Neeley. ....	Agr. ....	Sr.	Lancaster. ....	Schuyler.
Rippenstein, Edwin Eugene. ....	Eng. ....	Jr.	Hermann. ....	Gasconade.
Rippenstein, Robert Winfield. ....	Arts. ....	Fr.	Hermann. ....	Gasconade.
Riser, Irma Inez. ....	{Arts. .... Jour. ....	Soph. 1st Yr.		
Ritchie, Walter Stuntz, B. S. in Agr. (Ohio State Univ.) ....	Grad. ....		Winnfield, La. ....	
Rittenour, Austin Brownlee. ....	Arts. ....	Sr.	Columbia. ....	Boone.
Ritter, Frances A. ....	Educ. ....	2nd Yr.	Brookfield. ....	Linn.
Ritter, John Gilbert. ....	Eng. ....	Sr.	Columbia. ....	Boone.
Rittman, Carmel Reno. ....	Arts. ....	Soph.	Columbia. ....	Boone.
Ritzenthaler, Lillian Judson. ....	Arts. ....	{Soph. .... Nurse. ....	Tina. ....	Carroll.
Ritzenthaler, Wm. H. ....	Arts. ....	Fr.	Columbia. ....	Boone.
Riutel, Charles Earl. ....	Arts. ....	Soph.	Columbia. ....	Boone.
Roach, Celestine Elizabeth. ....	Arts. ....	Soph.	Martinsburg. ....	Audrain.
Roach, Corneliuss, Jr. ....	Educ. ....	2nd Yr.	Kansas City. ....	Jackson.
Roach, Harry F., Jr. ....	Law ....	1st Yr.	Kansas City. ....	Jackson.
Roach, Ivan Wesley. ....	Eng. ....	Soph.	St. Louis. ....	
Robbins, Lela Perry. ....	Eng. ....	Fr.	Anderson. ....	McDonald.
Roberts, Ansley Hope, B. S. in Ed. ....	Arts. ....	Soph.	Hopkins. ....	Nodaway.
Roberts, Francis Verdell. ....	Grad. ....		Kansas City. ....	Jackson.
Roberts, Harold E. ....	Arts. ....	Sr.	Centralia. ....	Boone.
Roberts, Harry Elmer. ....	Eng. ....	Fr.	Durant, Okla. ....	
Roberts, Lacey Johnson. ....	Eng. ....	Jr.	Independence. ....	Jackson.
Roberts, Marjorie Eleanor. ....	Arts. ....	Soph.	Columbia. ....	Boone.
Roberts, Raymond Silas. ....	Ed. ....	1st Yr.	Eugene. ....	Cole.
Roberts, Sarah. ....	{Arts. .... Med. ....	Jr. 1st Yr.		
Roberts, Sarah. ....	Arts. ....	Jr.	Wesco. ....	Crawford.
Roberts, Tripp Martin. ....	Arts. ....	Fr.	Ft. Scott, Kan. ....	
Roberts, Wallace Hanly. ....	Eng. ....	Sr.	Centralia. ....	Boone.
Robertson, Audrey. ....	Jour. ....	Spec.	Memphis. ....	Scotland.
Robertson, Carl. ....	Arts. ....	Fr.	Columbia. ....	Boone.
Robertson, Carl. ....	Arts. ....	Fr.	Pattonsburg. ....	Daviess.
Robertson, Donald Ford. ....	Arts. ....	Fr.	St. Louis. ....	
Robertson, Frank Turpin. ....	Jour. ....	2nd Yr.	Kansas City. ....	Jackson.
Robertson, George Lawrence. ....	Law ....	3rd Yr.	Roanoke. ....	Randolph.
Robertson, John R. ....	Agr. ....	N. C.	DeSoto. ....	Jefferson.
Robey, Frank. ....	Agr. ....	Fr.	Holden. ....	Johnson.
Robien, George Henry. ....	Agr. ....	S. C.	Boonville. ....	Cooper.
Robinette, Hayden Maurice. ....	Arts. ....	Fr.	Mountain Grove. ....	Wright.



Name	Division	Class	Postoffice	County
Robinson, Beatrice	Arts.	Jr.	Kansas City	Jackson.
Robinson, Frances	Educ.	2nd Yr.	Huntsville	Randolph.
Robinson, Gail S.	Jour.	Spec.	Tulsa, Okla.	
Robinson, George Wilse, Jr.	Arts.	Jr.	Kansas City	Jackson.
Robinson, Georgia Edna, B. S. in Ed. A. B.	Grad.		Columbia	Boone.
Robinson, George	Educ.	Spec.	Hallsville	Boone.
Robinson, Gilbert Kelly	Arts.	Jr.	Cape Girardeau	C. Girardeau.
Robinson, Holly A.	Agr.	S. C.	Cape Girardeau	C. Girardeau.
Robinson, James Odus	Agr.	N. C.	Rocheport	Boone.
Robinson, Ruth Mary	Arts.	Jr.	Appleton City	St. Clair.
Robinson, Virginia Isabel	Educ.	2nd Yr.	South Gifford	Macon.
Robnett, Mrs. Helen Guthrie	Arts.	Fr.	Fulton	Callaway.
Robnett, James Overton	Jour.	2nd Yr.	Columbia	Boone.
Robnett, Margaret Yantis	Educ.	1st Yr.	Fulton	Callaway.
Rodekopf, Louise Ruth	Jour.	Spec.	Columbia	Boone.
Roden, Frank	Eng.	Fr.	Elizabeth, N. J.	
Rodenberg, Alfred Herman	Agr.	S. C.	Napoleon	Lafayette.
Rogers, Benjamin Thomas	Agr.	Sr.	Bellflower	Montgomery.
Rogers, Charles Arch. A. B.	Jour.	1st Yr.	Columbia	Boone.
Rodgers, Dorothy Elizabeth	Arts.	Fr.	Kansas City	Jackson.
Rodgers, Paul C.	Agr.	Fr.	Bellflower	Montgomery.
Rodgers, Virginia Rose	Arts.	Jr.	Columbia	Boone.
Rodhouse, Louis	Agr.	S. C.	Pleasant Hill, Ill.	
Rodhouse, Mary Elizabeth	Agr.	Fr.	Pleasant Hill, Ill.	
Roe, Dorothy	Arts.	Fr.	Webb City	Jasper.
Roebken, Charles F.	Eng.	N. C.	Koshkonong	Oregon.
Roetzel, Mildred	Jour.	2nd Yr.	St. Louis	
Rogers, Ann Elizabeth	Arts.	Spec.	Paris	Monroe.
Rogers, Daniel I.	Agr.	N. C.	Koshkonong	Oregon.
Rogers, Floyd Elijah	Agr.	Soph.	Lockwood	Dade.
Rogers, George S.	Agr.	S. C.	Independence	Jackson.
Rogers, Herman Jesse	Agr.	Spec.	Cape Girardeau	C. Girardeau.
Rogers, Mrs. James Burton	Educ.	2nd Yr.	Madison	Monroe.
Rogers, Mary	Educ.	1st Yr.	Wellsville	Montgomery.
Rogers, Myrtle Eleanor	Arts.	Spec.	Lawton, Okla.	
Rogers, William M.	Agr.	N. C.	Boynton	Sullivan.
Rohrer, Esther J.	Educ.	2nd Yr.	Hannibal	Marion.
Roland, William Edwin	Agr.	Spec.	Hannibal	Marion.
Rollins, Frank P., Jr.	Arts.	Fr.	Smithville	Clay.
Rombach, Frederick George	Eng.	Fr.	California	Moniteau.
Rombauer, Anheuser	Arts.	Fr.	St. Louis	
Roney, John H., A. B.	Agr.	Sr.	Lawson	Ray.
Ronk, John Jacob	Agr.	N. C.	Kansas City	Jackson.
Root, Helen Ortense	Arts.	Jr.	Kansas City	Jackson.
Rosa, Joseph Tooke, Jr., B. S. (Clemson Agr. Col. of S. C.)	Grad.		Columbia	Boone.
M. S. in Hort. (Ia. State Col.)	Arts.	Soph.	Camden, Ark.	
Rose, Alfred W.	Arts.	Soph.	Kansas City	Jackson.
Rose, Dorothy	Arts.	Fr.	New York, N. Y.	
Rosenbaum, Louis	Educ.	1st Yr.	Olathe, Kan.	
Rosenbury, Sue	Arts.	Spec.	St. Joseph	Buchanan.
Rosetzky, Pauline	Arts.	Fr.	Belton	Cass.
Rosier, Roy Shouse	Educ.	Spec.	Columbia	Boone.
Ross, Alberta Katherine	Educ.	Spec.	Columbia	Boone.
Ross, Mrs. C. H.	Educ.	Spec.	Columbia	Boone.
Ross, Florence K.	Arts.	Soph.	Kansas City	Jackson.
Ross, Frances Bruce	Arts.	Sr.	Columbia	Boone.
Ross, Helen	Arts.	Fr.	Kansas City	Jackson.
Ross, James Bruce	Arts.	Soph.	Columbia	Boone.
Roth, Andrew William	Eng.	Fr.	Raton, N. Mex.	
Rothmeyer, Orin Fredrick	Eng.	Sr.	Columbia	Boone.
Rotty, Oscar John	Eng.	Sr.	St. Louis	
Rouse, Frances	Arts.	Sr.	Monroe City	Monroe.
Rowland, Adele Grace	Arts.	Fr.	St. James	Phelps.
Rowley, John William	Eng.	Sr.	Bowling Green	Pike.
Rowley, Mable Gertrude	Arts.	Jr.	Bowling Green	Pike.
Roy, Kenneth B.	Jour.	Spec.	St. Louis	
Rey, Mary Sidney, A. B. (Wellesley College)	Grad.		Hannibal	Marion.
Royar, George Parsons	Arts.	Fr.	Miami	Saline.
Royster, Edward Lucky Scarritt	Eng.	Soph.	Independence	Jackson.
Ruark, Justin O.	Law	3rd Yr.	Neosho	Newton.
Rubbert, Ruby Helena	Educ.	1st Yr.	Mason City, Ia.	
Rubenstein, Herschel Milton	B. & P. A.	2nd Yr.	Greenfield	Dade.
Rubottom, Ray Carlisle	Agr.	Spec.	Columbia	Boone.
Ruby, James Craig, A. B.	B. & P. A.	1st Yr.	Kansas City	Jackson.
Ruch, Joseph M.	Eng.	N. C.	Moberly	Randolph.
Rucker, Emma Clifton	Arts.	Soph.	Keytesville	Chariton.
Rucker, Helen	Arts.	Fr.	Boonville	Cooper.
Rudolph, Alfred Robert	Agr.	S. C.	Amazonia	Andrew.
Ruether, Marie Agnes	Arts.	Soph.	Columbia	Boone.
Ruther, Olivia Joan	Arts.	Soph.	Columbia	Boone.

Name	Division	Class	Postoffice	County
Rumans, Orva Alonzo	Agr.	N. C.	Versailles	Morgan.
Rumsey, Ruth, B. S. in Ed.	Grad.		Webster Groves	St. Louis.
Rusk, Howard A.	{Arts. {Med.	Jr. 1st Yr.	Brookfield	Linn.
Rusk, Ruth Gertrude	Arts.	Sr.	Columbia	Boone.
Russell, Ernest C.	Agr.	N. C.	Nashville, Tenn.	
Russell, Florence Cordelia	Arts.	Soph.	Columbia	Boone.
Russell, Francis Garland	Agr.	Fr.	Columbia	Boone.
Russell, Harold B.	Agr.	N. C.	St. Louis	
Russell, John Bedford, Jr.	Agr.	Soph.	Savannah	Andrew.
Russell, Sybil	Educ.	2nd Yr.	Savannah	Andrew.
Russell, Thomas Beckwith	B. & P. A.	1st Yr.	Charleston	Mississippi.
Rust, Frank D.	Arts.	Fr.	Kansas City	Jackson.
Ruth, Elmer	Agr.	N. C.	Princeton	Mercer.
Ruth, George Frank	Agr.	Sr.	Poplar Bluff	Butler.
Rutledge, Harry B.	Arts.	Fr.	Green City	Sullivan.
Rutledge, Paul Edmund	Arts.	Soph.	Festus	Jefferson.
Rutledge, Reta Burnice	Educ.	2nd Yr.	Cameron	Clinton.
Rutledge, Richard Boyden, A. B.	Grad.		Mt. Vernon	Lawrence.
Ruvel Nathaniel	Arts.	Fr.	Kansas City	Jackson.
Ruwe, Arthur H.	Agr.	N. C.	St. Louis	
Ryder, Richard Ernest	Agr.	Fr.	Kansas City	Jackson.
Sabine, Mrs. Winifred				
Speague, A. B. (Cornell Univ.)	Grad.		Columbia	Boone.
Sabourin, Lyford	Eng.	Fr.	Kansas City	Jackson.
Saeger, Albert Carl Julian, A. B.	Grad.		Kansas City	Jackson.
Saeger, Legia Mae	Arts.	Spec.	Columbia	Boone.
Sagerman, Isadore	Arts.	Soph.	Kansas City	Jackson.
Sagner, William G.	Agr.	Spec.	St. Louis	
Sallor, Nellie Murray	Arts.	Soph.	Montgomery City	Montgomery.
St. Clair, Florence Edna	Arts.	Soph.	Huntsville	Randolph.
St. Clair, Haston L.	B. & P. A.	1st Yr.	Oak Grove	Jackson.
St. Clair, Lawrence Lynn, B. S. in Ed.	Grad.		Webb City	Jasper.
St. Clair, Mary M.	Arts.	Fr.	Huntsville	Randolph.
St. Clair, Rosa Leah	Educ.	1st Yr.	Oak Grove	Jackson.
Salle, William Herald	Eng.	Sr.	Polo	Caldwell.
Sallee, Ernest	Agr.	N. C.	Mt. Moriah	Harrison.
Salmon, William Davis, B. S. in Agr. (Univ. of Ky.)	Grad.		Cork, Ky.	
Salvatierra, Vincente T.	Arts.	Spec.	Corinto, Nicaragua	
Salyer, Guy	Arts.	Fr.	Callao	Macon.
Sampson, Norris	Arts.	Soph.	Rocheport	Boone.
Samuel, Fay	Educ.	2nd Yr.	Aurora	Lawrence.
Sanders, Chester	Agr.	Fr.	Paris	Monroe.
Sanders, Clifford W.	Eng.	Fr.	Kansas City	Jackson.
Sanders, Mary Marguerite	Arts.	Jr.	Fredonia, Kan.	
Sanders, William Lee	Eng.	Sr.	Memphis	Scotland.
Sanderson, Cash Wenkle	B. & P. A.	2nd Yr.	Bowling Green	Pike.
Sanderson, Paul Hayden	Agr.	N. C.	Bowling Green	Pike.
Sanderson, Uluth Mitchell	Jour.	2nd Yr.	San Saba, Texas	
Sandison, James Calvin	{Arts. {Med.	Jr. 1st Yr.	Moberly	Randolph.
Sandison, Lida Jane	Arts.	Fr.	Moberly	Randolph.
Sandker, James Douglass	Eng.	Sr.	Columbia	Boone.
Sandin, Mabel Louise	Arts.	Fr.	Casper, Wyo.	
Sandy, Billie M.	Arts.	Fr.	Raymore	Cass.
Sandzen, Sigurd Carl	{Arts. {Med.	Sr. 2nd Yr.	Kansas City	Jackson.
Sanguinet, Edwin H.	Arts.	Jr.	St. Louis	
Sanner, Ralph A.	Arts.	Fr.	Poplar Bluff	Butler.
Saper, Sara Serene	Arts.	Soph.	Kansas City	Jackson.
Sappington, Frederick Gose	Arts.	Fr.	Centralia	Boone.
Sappington, William Roy	Agr.	Fr.	Columbia	Boone.
Sasse, Jerome Budde	Arts.	Soph.	Kansas City	Jackson.
Saucier, Mabel Alberta	Arts.	Jr.	St. Louis	
Saunders, Faith, B. S. in Ed.	Grad.		Maysville	DeKalb.
Saunders, William E.	Agr.	N. C.	Canton, Ill.	
Saube, Walter Julius, B. S. in Ed. (S. E. State Teachers College)	Grad.		Cape Girardeau	C. Girardeau.
Saville, Chauncey Melvin	Eng.	Sr.	Grant City	Worth.
Saville, Mahala, B. S. in Ed.	Arts.	Sr.	Grant City	Worth.
Saville, Roscoe Joseph	Agr.	Sr.	Grant City	Worth.
Saville, Virgil B.	Eng.	Sr.	Grant City	Worth.
Savonosky, Rose	Arts.	Fr.	St. Louis	
Sawani, Raghbir Singh	{Arts. {Med.	Jr. 1st Yr.	Gujranwala, India	
Sawyer, Blanche Elleene	Educ.	Spec.	Chillicothe	Livingston.
Sawyer, Robert L.	Jour.	Spec.	Creston, Ia.	
Saye, William Franklin	Arts.	Soph.	Paris	Monroe.

Name	Division	Class	Postoffice	County
Scanland, Mary Elizabeth...	Arts.....	Soph....	Montgomery City..	Montgomery.
Scannell, Robert E.....	Arts.....	Fr.....	St. Louis.....	
Scarcliff, Hazel V.....	Educ.....	1st Yr..	Holden.....	Johnson..
Scarritt, Charles W., Jr....	Arts.....	Soph....	Kansas City.....	Jackson..
Scarritt, Nathan, Jr.....	Arts.....	Fr.....	Independence.....	Jackson..
Schaefer, B. E.....	Agr.....	S. C....	Higginsville.....	Lafayette.
Schaefer, Gustave C.....	Agr.....	S. C....	St. Louis.....	
Schaeufukoetter, Herman H., B. S. in Ed.....	Grad.....		Hardin.....	Ray.
Schaper, Florence W., B. S. in Ed.....	Grad.....		Washington.....	Lafayette.
Schatlyn, John Martin, Jr....	Arts.....	Fr.....	Anglum.....	St. Louis.
Schaumburg, Ruth A.....	Agr.....	S. C....	St. Louis.....	
Scheldrup, Helen Melba.....	Arts.....	Sr.....	Pierce City.....	Lawrence.
Schemmer, Henry E.....	Eng.....	Soph....	St. Charles.....	St. Charles.
Schenk, Elmer Willpreach....	Law.....	4th Yr..	Columbia.....	Boone.
Schenk, Mrs. Lillian G.....	Arts.....	Sr.....	Columbia.....	Boone.
Schenk, Lorine Bernice.....	Arts.....	Soph....	LaMonte.....	Pettis.
Schenningman, James L.....	Agr.....	N. C....	St. Louis.....	
Schorl, Sam A.....	(Arts.....	Sr.....		
	(Med.....	1st Yr..	New York City....	
Scherr, Elliott Brown.....	Jour.....	1st Yr..	St. Louis.....	
Schill, Emily M.....	Arts.....	Soph....	St. Louis.....	
Schilling, Otis A.....	Eng.....	Fr.....	Joplin.....	Jasper.
Schilpin, Frederick Colgrove..	Arts.....	Fr.....	St. Cloud, Minn..	
Schleicher, Lawrence S.....	Arts.....	Fr.....	St. Louis.....	
Schlotzhauer, Marion H.....	Law.....	Spec....	Columbia.....	Boone.
Schmidt, Henry.....	Agr.....	S. C....	Kearney.....	Clay.
Schmidt, Herbert Henry.....	(Grad.....			
	(Med.....	2nd Yr..	Augusta.....	St. Charles.
Schmidt, Julia B.....	Arts.....	Jr.....	St. Louis.....	
Schmidt, Russell O.....	Arts.....	Fr.....	Berger.....	Franklin.
Schmidtke, John C.....	Med.....	1st Yr..	Mt. Vernon.....	Lawrence.
Schmitt, Charlotte S.....	Arts.....	Soph....	Monona, Ia.....	
Schnabel, Charles Franklin, B. S. in Ed.....	Agr.....	Spec....	Raymore.....	Cass.
Schnebly, Keith G.....	Arts.....	Soph....	Columbia.....	Boone.
Schnebly, W. Verne.....	Arts.....	Soph....	Kahoka.....	Clark.
Schneider, Emil Russell.....	Arts.....	Soph....	St. Joseph.....	Buchanan.
Schneider, Irene Magdelin...	(Arts.....	Jr.....		
	(Educ.....	1st Yr..	Kansas City.....	Jackson.
Schoen, Jessie Kauffmann....	Arts.....	Fr.....	St. Louis.....	
Scholle, Herbert H.....	Arts.....	Fr.....	Concordia.....	Lafayette.
Schondelmaier, Alfred.....	Agr.....	S. C....	Houstonia.....	Pettis.
Schooley, Homer Renick.....	Arts.....	Soph....	Odessa.....	Lafayette.
Schorr, Arthur H.....	Agr.....	N. C....	Millstadt, Ill....	
Schott, Adelaide Mary.....	Arts.....	Fr.....	Jefferson City....	Cole.
Schott, Emmett Lee.....	Educ.....	2nd Yr..	Calhoun.....	Henry.
Schowengerdt, Carl G.....	Agr.....	S. C....	Independence.....	Jackson.
Schowengerdt, Margaret Carol.....	Educ.....	1st Yr..	Warrenton.....	Warren.
Schowengerdt, Maury Neale..	(Law.....	3rd Yr..		
	(B. & P.A.	2nd Yr..	Warrenton.....	Warren.
Schrier, Max B.....	Arts.....	Soph....	Savannah.....	Andrew.
Schroeder, Fritz E.....	Arts.....	Soph....	St. Joseph.....	Buchanan.
Schroeder, Mildred M.....	Jour.....	2nd Yr..	N. Kansas City....	Clay.
Schroer, Hilda Esther.....	Educ.....	2nd Yr..	Kansas City.....	Jackson.
Schubert, Almer Edwin.....	Eng.....	Sr.....	Russellville.....	Cole.
Schubert, Hugo Henry.....	Arts.....	Fr.....	Russellville.....	Cole.
Schuck, Hugh Joel.....	Jour.....	2nd Yr..	Iowa Falls, Iowa..	
Schueddig, Jack.....	Arts.....	Fr.....	St. Louis.....	
Schutte, Robert Frank.....	(Arts.....	Jr.....		
	(Med.....	1st Yr..	St. Louis.....	
Schultz, Emil Otto.....	Agr.....	N. C....	St. Joseph.....	Buchanan.
Schultze, Ella R.....	Arts.....	Fr.....	Washington.....	Franklin.
Schultze, Erna R.....	Educ.....	2nd Yr..	Washington.....	Franklin.
Schultze, Howard Edward....	Agr.....	Soph....	Kansas City.....	Jackson.
Schumacher, Clark P.....	Agr.....	Spec....	St. Louis.....	
Schumacher, Theodore.....	Agr.....	S. C....	Trenton, Ill.....	
Schummer, George.....	Agr.....	N. C....	St. Louis.....	
Schuster, Floyd A.....	Agr.....	S. C....	Gower.....	Clinton.
Schutz, Carl Herbert Bryant..	Arts.....	Sr.....	Kansas City.....	Jackson.
Schwarzweiler, Paul William.	Eng.....	Fr.....	Edina.....	Knox.
Schweiger, Roy Adrian.....	Eng.....	Soph....	Kansas City.....	Jackson.
Schwimmer, Harry Irving....	Law.....	2nd Yr..	Kansas City.....	Jackson.
Scism, Samuel Farrell.....	Agr.....	Soph....	Bloomfield.....	Stoddard.
Scobee, Lillian Beatrice.....	Arts.....	Jr.....	Perry.....	Ralls.
Scobee, Russell Thomas.....	B. & P. A.	1st Yr..	Paris.....	Monroe.
Scott, Elea Belle.....	Educ.....	Spec....	Columbia.....	Boone.
Scott, Everett Orson.....	Agr.....	S. C....	Chilhowee.....	Johnson.
Scott, Fay Edmond.....	Arts.....	Soph....	Kansas City.....	Jackson.
Scott, G. Denzil.....	Jour.....	1st Yr..	Higginsville.....	Lafayette.
Scott, Harry W.....	Arts.....	Fr.....	St. Louis.....	
Scott, Irl Thorpe.....	Grad.....		Columbia.....	Boone.
Scott, Mrs. Matilda Angela...	Arts.....	Fr.....	Potosi.....	Washington.



Name	Division	Class	Postoffice	County
Scott, Rado	Agr.	Spec.	Columbia	Boone.
Scott, Revah Lucile	Arts.	Fr.	Unionville	Putnam.
Scott, Russell George	Arts.	Jr.	Ridgeway	Harrison.
Scott, Ruth Leone	Arts.	Soph.	Aurora	Lawrence.
Scott, Wava Muriel	Arts.	Soph.	Unionville	Putnam.
Scurlock, Harry Edward	Arts.	Fr.	Columbia	Boone.
Scurlock, Richard Leo	Jour.	Spec.	Columbia	Boone.
Seaman, C. Ralph	Arts.	Fr.	St. Joseph	Buchanan.
Seaman, Robert William	Arts.	Soph.	Kansas City	Jackson.
Searcy, Amanda Jane	Arts.	Soph.	Columbia	Boone.
Searcy, Laura Anita, A. B., A. M.	Jour.	2nd Yr.	Columbia	Boone.
Searcy, Theta Carrington	Educ.	1st Yr.	Columbia	Boone.
Sears, Isabelle	Arts.	Jr.	Kansas City	Jackson.
Sears, William Hardy	Arts.	Jr.	Clifton Hill	Randolph.
Seaton, Margaret Alice	Arts.	Soph.	Hannibal	Marion.
Seaton, Martine Augusta	Agr.	Sr.	Columbia	Boone.
Sechler, Raymond G.	Agr.	N. C.	Pleasant Hope	Polk.
Sedwick Jackson L.	Jour.	1st Yr.	Clarksburg, W. Va.	
Seibel, Laura Grace	Arts.	Fr.	Hannibal	Marion.
Self, Yoder Eugene	Arts.	Soph.	Webb City	Jasper.
Sellers, Vina Fern	Arts.	Soph.	Maywood	Lewis.
Sells, Harold F.	Arts.	Soph.	Savannah	Andrew.
Sells, Raymond H.	Arts.	Fr.	Savannah	Andrew.
Selph, Colin MacRae, Jr.	Arts.	Spec.	St. Louis	
Semple, Margaret	Arts.	Fr.	Huntsville	Randolph.
Semple, Walter Durward	Arts.	Fr.	Maplewood	St. Louis.
Semran, Arthur Joseph	Agr.	N. C.	Belleville, Ill.	
Sensintaffar, Olive Lillian, A. B., B. S. in Ed.	Agr.	Sr.	Columbia	Boone.
Sensintaffar, Pauline Rebecca	Arts.	Sr.		
	Educ.	2nd Yr.	Columbia	Boone.
Sexauer, Theo. E., B. S. (Ia. S. College of Agr.)	Educ.	1st Yr.	Columbia	Boone.
Seymour, Harold Francis	Jour.	Spec.	Ames, Ia.	
Seymour, Oliver Jesse	Agr.	Spec.	Doniphan	Ripley.
Shackleford, Pemala Harrison	Arts.	Sr.	Kansas City	Jackson.
Shaffer, Frieda N.	Educ.	1st Yr.	Kansas City	Jackson.
Shannon, Edwin Basye	Agr.	Fr.	Webster Groves	St. Louis.
Shannon, George Isaac	Law	3rd Yr.	Carthage	Jasper.
Shannon, Homer Houts	Arts.	Soph.	Miami, Okla.	
Shannon, Lee Finis	Arts.	Soph.	Knobnoster	Johnson.
Shannon, Lena Minnie	Educ.	Spec.	Vandalia	Audrain.
Shannon, Sue	Arts.	Fr.	Louisiana	Pike.
Sharp, Eugene Webster	Jour.	1st Yr.	Oklahoma City, Okla.	
Shaver, Grattan Osborne	Agr.	S. C.	Holt	Clay.
Shaw, Clara R.	Jour.	2nd Yr.	Jerico Springs	Cedar.
Shaw, Duncan	Agr.	S. C.	Corso	Lincoln.
Shaw, George T.	Eng.	Fr.	Richmond	Ray.
Shaw, John K.	Agr.	Fr.	Kansas City	Jackson.
Shaw, Paul Gilbert	Eng.	Fr.	Clinton	Henry.
Shaeffer, Benjamin Leon	Agr.	Soph.	Lancaster, Penn.	
Sheay, John P., B. S. in Agr. (Univ. of Ill.)	Grad.		Columbia	Boone.
Sheetz, Marjorie Edwina	Arts.	Soph.	Chillicothe	Livingston.
Sheley, Jack	Eng.	Fr.	Sheridan	Worth.
Sheley, Mary A., B. S. in Ed.	Grad.		New Bloomfield	Callaway.
Shelton, Baxter Wright	Arts.	Fr.	Columbia	Boone.
Shelton, Charles Arthur	Agr.	S. C.	Holden	Johnson.
Shelton, Edward Olney	Arts.	Soph.	Eldon	Miller.
Shelton, Irma Elva	Arts.	Fr.	Mount Vernon	Lawrence.
Shelton, Ray	Agr.	N. C.	Charleston	Mississippi.
Shepard, Harry Burton	Arts.	Jr.	Moberly	Randolph.
Shepard, Helen Imogene	Arts.	Jr.	Union Star	DeKalb.
Shepard, Helen Louise	Arts.	Fr.	Hannibal	Marion.
Shepherd, Lella May	Arts.	Soph.	Carthage	Jasper.
Shepherd, Richard Aaron	Eng.	Jr.	Hannibal	Marion.
Shepherd, Wilbur	Eng.	Jr.	Hannibal	Marion.
Sheppard, Donald David, B. S. in Agr., A. M.	Agr.	Spec.	Ash Grove	Greene.
Sherman, Ruth Elizabeth	Arts.	Fr.	Rea	Andrew.
Sherwood, Violet	Arts.	Fr.	Shelbyville	Shelby.
Shikles, Dewey Florence	Arts.	Spec.	Enon	Moniteau.
Shireman, Laurine M.	Arts.	Sr.		
	Educ.	2nd Yr.	Kansas City	Jackson.
Shlenker, Bertha Jeanette	Arts.	Soph.	Ft. Smith, Ark.	
Shnaper, Samuel	Arts.	Soph.	Chicago, Ill.	
Shockley, Mary Adelia	Educ.	2nd Yr.	Columbia	Boone.
Shoemaker, Oakland Mitchell	Eng.	Jr.	Kansas City	Jackson.
Shofstall, Roland	Agr.	N. C.	Leonard	Shelby.
Shook, Robert Edgar	Law	Spec.	Marshall	Saline.
Shook, William Paul	Arts.	Fr.	Marshall	Saline.
Shoop, Joseph D.	Eng.	Fr.	Richmond	Ray.
Shoop, Katherine	Arts.	Jr.	Richmond	Ray.

Name	Division	Class	Postoffice	County
Shore, T. Spencer	Arts.	Soph.	St. Louis	
Short, J. F.	Educ.	Spec.	Iberia	Miller.
Shorter, Frederick William, A. B.	Grad.		Columbia	Boone.
Shotwell, William	Agr.	S. C.	Richmond	Ray.
Shouse, Phoebe	Arts.	Jr.	Kansas City	Jackson.
Shull, Frank Richard	Arts.	Fr.	St. Joseph	Buchanan.
Shultz, Paul D.	Arts.	Soph.	St. Louis	
Shumake, James William	Jour.	Spec.	Columbia	Boone.
Shumaker, Neilson Free	Eng.	Fr.	Springfield	Greene.
Shumard, Charles Cleo	Eng.	Sr.	Bethany	Harrison.
Shumate, William Lawrence	Arts.	Jr.	Golden City	Barry.
Shutt, Frederick B.	Eng.	Fr.	Kansas City	Jackson.
Siebert, Ted.	Arts.	Fr.	St. Louis	
Siemon, Ray	Jour.	1st Yr.	Kansas City	Jackson.
Sievekings, Earl Gwin, B. S. in Agr. (Purdue Univ.)	Grad.		Columbia	Boone.
Sigman, Horace Grant	Arts.	Soph.	Kansas City	Jackson.
Silch, W. E.	Agr.	N. C.		
Siler, Henry DeQuincey	Arts.	Fr.	Puxico	Stoddard.
Silverstein, Irene Tilka	Arts.	Soph.	St. Joseph	Buchanan.
Silverstein, Marcel	B. & P. A.	Spec.	St. Louis	
Silvins, Mary Hortense	Arts.	Fr.	Cameron	Clinton.
Simmons, Arthur Calvin	Agr.	S. C.	Colchester, Ill.	
Simmons, Catherine	Law.	1st Yr.	Hutchison, Kan.	
Simmons, Clarence O.	Agr.	N. C.	Fredericktown	Madison.
Simmons, Elijah	Agr.	N. C.	Fredericktown	Madison.
Simmons, George Evans	Jour.	2nd Yr.	Gates, Tenn.	
Simon, Carolyn V.	Arts.	Soph.	St. Louis	
Simon, Charles Joseph	Arts.	Fr.	Cedar Rapids, Ia.	
Simon, Lewis Seymour	Arts.	Fr.	Kansas City	Jackson.
Simonds, Marion Ashley	Agr.	Fr.	Calhoun	Henry.
Simons, Bernard W.	Arts.	Soph.	Trenton	Grundy.
Simons, Joseph C.	Agr.	S. C.	Calhoun	Henry.
Simons, Tad A.	Arts.	Soph.	Trenton	Grundy.
Simpich, Joseph Stanley	Arts.	Fr.	New Franklin	Howard.
Simpich, Phillip R.	B. & P. A.	Spec.	Rochepoint	Boone.
Simpson, Chauncey Graves	Arts.	Fr.	Bosworth	Carroll.
Simpson, Frances Lavinia	Arts.	Soph.	Columbia	Boone.
Simpson, George, B. S. in Ed.	Grad.		Oak Hill	Crawford.
Simpson, Glen	Agr.	Fr.	Milan	Sullivan.
Simpson, Harriet Belle	Arts.	Jr.		
Simpson, Harry Gunter	Arts.	Nurse.	Charleston	Mississippi.
Simpson, James	Agr.	Sr.	Charleston	Mississippi.
Simpson, Laura Mary	Arts.	S. C.	Martinsburg	Callaway.
Simpson, Nelle Mae	Arts.	Jr.	Jefferson City	Cole.
Simpson, Ralph Lee	Arts.	Soph.	Eldon	Miller.
Simpson, Robert Harper	Jour.	2nd Yr.	Bosworth	Carroll.
Sims, James Lewis	Med.	1st Yr.	Columbia	Boone.
Sims, Marc. Verlin	Agr.	N. C.	Hartsburg	Boone.
Sims, Orien Frank	Jour.	Spec.	Columbia	Boone.
Sims, Velma C.	Agr.	N. C.	Hartsburg	Boone.
Sinclair, Edward Emmons	Arts.	Fr.	St. Louis	
Sinclair, Lyman	B. & P. A.	2nd Yr.	Aurora	Lawrence.
Singer, Ansel	Eng.	Fr.	Aurora	Lawrence.
Singleton, Orin Vance	Arts.	Soph.	Rochester, N. Y.	
Sinz, Richard William	Agr.	Jr.	Shelbina	Shelby.
Sipe, Frank Lowell	B. & P. A.	1st Yr.	St. Louis	
Sisco, Granville Earl	Arts.	Jr.	Houston	Texas.
Sisson, Mary Caroline	Agr.	N. C.	Fisk	Butler.
Sivett, Riley Emanuel	Educ.	2nd Yr.	Parnell	Nodaway.
Sizemore, Stella Christine	Agr.	N. C.	Unionville	Putnam.
Skaggs, Mrs. Buena T.	Educ.	2nd Yr.	Lancaster	Schuyler.
Skaggs, Gerald Edward	Arts.	Spec.	Paragould, Ark.	
Skelton, Claude Newton	B. & P. A.	2nd Yr.	Dearborn	Platte.
Skelton, Mrs. Elda J.	Arts.	Jr.	Boonville, Ind.	
Skelton, Isaac Newton	Arts.	Fr.	Boonville, Ind.	
Skillman, Henry Hunter	Arts.	Soph.	Higginsville	Lafayette.
Skouby, Buell Edmund	Arts.	Fr.	Sikeston	Scott.
Skouby, Charles Ives, B. S. in Agr.	Arts.	Fr.	Bland	Gasconade.
Slate, Lowell Earl	Grad.		Bland	Gasconade.
Slater, Helen Louise	Agr.	Spec.	Bushy Knob	Douglas.
Slater, Mary Emily	Jour.	1st Yr.	Severy, Kan.	
Slater, Richard M.	Educ.	2nd Yr.	Kansas City	Jackson.
Staton, Ola Angeline	Arts.	Fr.	Kansas City	Jackson.
Slatten, Elva	Arts.	Soph.	Sedalia	Pettis.
Slaughter, Bina H.	Arts.	Soph.	Bethany	Harrison.
Slaughter, Josie May	Agr.	Sr.	Bethany	Harrison.
Slaughter, Minor Mulkey	Agr.	Fr.	Bethany	Harrison.
Slavens, John Helm	Eng.	Sr.	Grandview	Jackson.
Slayter, Richard Eugene	Arts.	Fr.	Kansas City	Jackson.
Slemons, Agnes Boyd	Law.	3rd Yr.	Dallas, Texas	
Slicer, Paul Alfred	Educ.	1st Yr.	King City	Gentry.
	Eng.	Fr.	Kennett	Dunklin.

Name	Division	Class	Postoffice	County
Sloan, Robert Lester.....	Eng.	Fr.	Platte City.....	Platte.
Sloss, Myrtle Irene.....	Educ.	1st Yr.	Shreveport, La....	
Slusher, Ben Eaton.....	Agr.	Soph.	Lexington.....	Lafayette.
Slusher, Paul Varian.....	Agr.	Fr.	Lexington.....	Lafayette.
Smalley, Ethel Lee.....	Arts.	(Fr.)		
Smalley, Marion Clark.....	Arts.	(Nurse)	Marionville.....	Lawrence.
Smallfeldt, Robert Adolph.....	Arts.	Soph.	Columbia.....	Boone.
Smart, Robert Montague.....	Arts.	Jr.	Kansas City.....	Jackson.
Smiley, Elizabeth.....	Arts.	Soph.	Kansas City.....	Jackson.
Smillie, Alex Montieth.....	Educ.	1st Yr.	Tyler, Texas.....	
Smith, Alfred M.....	Jour.	1st Yr.	Gilman City, Ia....	
Smith, Aline Isabelle.....	Agr.	Spec.	Arcadia.....	Iron.
Smith, Anna B.....	Arts.	Jr.	Kansas City.....	Jackson.
Smith, Benjamin Higgins.....	Arts.	Fr.	Perry.....	Ralls.
Smith, Bess Farrington.....	Arts.	Soph.	Dover.....	Lafayette.
Smith, Beula.....	Arts.	Fr.	Huntsville, Tex....	
Smith, Buford Roland.....	Eng.	Fr.	Potosi.....	Washington.
Smith, Catherine Marian.....	Eng.	Soph.	Edwards.....	Benton.
Smith, Cecil Homer.....	Educ.	1st Yr.	Kansas City.....	Jackson.
Smith, Clarence Henry.....	B. & P. A.	1st Yr.	Mount Vernon.....	Lawrence.
Smith, Clyde Bryan.....	Eng.	N. C.	Skidmore.....	Nodaway.
Smith, Clyde Wise.....	Agr.	S. C.	Urich.....	Bates.
Smith, Daisy Allison.....	Arts.	Fr.	Sapulpa, Okla....	
Smith, Edgar Paul.....	Arts.	Fr.	Neosho.....	Newton.
Smith, Edward Burnette.....	B. & P. A.	1st Yr.	Hannibal.....	Marion.
Smith, Essie L.....	Jour.	2nd Yr.	Red Oak, Ia.....	
Smith, Ethelyn Mitchell.....	Arts.	Spec.	Madison.....	Monroe.
Smith, Eugene Choate.....	Educ.	Spec.	Columbia.....	Boone.
Smith, F. D.....	Arts.	Jr.	Kansas City.....	Jackson.
Smith, Floyd C.....	Arts.	S. C.	Perry.....	Ralls.
Smith, Frank Hartley.....	Agr.	N. C.	Stoutsville.....	Monroe.
Smith, Frank Lewis, A. B., (Drury College).....	Arts.	Fr.	Stockton.....	Cedar.
Smith, Frank W.....	Grad.		Wheatland.....	Hickory.
Smith, Fred Wilken.....	Agr.	Jr.	Memphis.....	Scotland.
Smith, Frederick Hawkins.....	Eng.	Jr.	Moberly.....	Randolph.
Smith, Georgia.....	Arts.	Fr.	Kansas City.....	Jackson.
Smith, Harold Bates.....	Arts.	Fr.	Appleton City.....	St. Clair.
Smith, Harry Owen.....	Eng.	Fr.	Paris.....	Monroe.
Smith, Herschel.....	Agr.	Fr.	Farmington.....	St. Francois.
Smith, Hollis Leavi, B. S., in Agr. (Miss. A. & M. Col- lege).....	Agr.	S. C.	Bunceton.....	Cooper.
Smith, Howard William.....	Spec.		Wesson.....	Mississippi.
Smith, James Davis, Jr.....	Eng.	Soph.	Peculiar.....	Cass.
Smith, James Dismukes.....	Arts.	Soph.	Frankford.....	Pike.
Smith, James Omer.....	Med.	1st Yr.	Nelson.....	Saline.
Smith, Jim Ida.....	Arts.	Fr.	Amoret.....	Bates.
Smith, John Alden.....	Arts.	Fr.	Hot Springs, Ark..	
Smith, John J.....	Arts.	Soph.	Stockton.....	Cedar.
Smith, Joseph Elijah.....	Agr.	Spec.	St. Louis.....	
Smith, Katie.....	Arts.	Jr.	DeQueen, Ark.....	
Smith, Laura.....	Arts.	Fr.	Peculiar.....	Cass.
Smith, Lawrence Earl, Jr.....	Arts.	Sr.	Kansas City.....	Jackson.
Smith, Leonard Colby.....	Arts.	Soph.	Kansas City.....	Jackson.
Smith, Lillie Blanche, B. S., in Ed.....	Agr.	S. C.	Platte City.....	Platte.
Smith, Lorren Earl.....	(Arts.)	Sr.		
Smith, Lucile.....	(Grad.)			
Smith, Lucille C.....	Agr.	Jr.	Merwin.....	Bates.
Smith, Lulu Forrest.....	Arts.	Jr.	Powersville.....	Putnam.
Smith, Malcolm M.....	Arts.	Sr.	El Paso, Texas.....	
Smith, Margaret Isabella.....	Arts.	Fr.	Potosi.....	Washington.
Smith, Margaret May.....	Educ.	Spec.	Overland.....	St. Louis.
Smith, Marvel.....	Arts.	Fr.	Fairview, Okla....	
Smith, Merritt W.....	Arts.	Soph.	St. Louis.....	
Smith, Mildred Sarah.....	Arts.	Soph.	Columbia.....	Boone.
Smith, Norton Bailey.....	Educ.	2nd Yr.	Unionville.....	Putnam.
Smith, Oliver M.....	Eng.	Fr.	Lees Summit.....	Jackson.
Smith, Paul Cameron.....	Arts.	Soph.	Columbia.....	Boone.
Smith, Perva Lynn.....	B. & P. A.	2nd Yr.	Kansas City.....	Jackson.
Smith, Queen.....	Arts.	Soph.	Webster Groves....	St. Louis.
Smith, Robert Henry.....	Agr.	Fr.	Bethany.....	Harrison.
Smith, Robert Morris.....	Arts.	Fr.	Green City.....	Sullivan.
Smith, Roy Estes.....	(Arts.)	Sr.		
Smith, Tucker P., A. B.....	(Jour.)	2nd Yr.	Columbia.....	Boone.
Smith, Uel Lee.....	Agr.	N. C.	Trenton.....	Grundy.
Smith, William Charles.....	Arts.	Soph.	Memphis.....	Scotland.
Smith, William Orlando.....	Eng.	N. C.	Bethany.....	Harrison.
Smith, W. Wallace.....	Grad.		Perry.....	Ralls.
Smither, Helen Faye.....	Eng.	Fr.	Clinton.....	Henry.
Smithson, Hayden D.....	Arts.	Fr.	Los Angeles, Cal..	
	Arts.	Sr.	Kansas City.....	Jackson.
	Arts.	Jr.	Independence.....	Jackson.
	Arts.	Jr.	Kansas City.....	Jackson.
	Eng.	Fr.	Webster Groves....	St. Louis.



Name	Division	Class	Postoffice	County
Smokey, George Walter, A. B. (Univ. of S. D.)	B. & P. A.	2nd Yr.	Winona, Minn.	Pemiscot.
Smyth, James Franklin, Jr.	Jour.	Spec.	Caruthersville.	
Smith, Kathryn	Arts.	Fr.	Fort Smith, Ark.	
Snedaker, Helen	{Arts. B. & P. A.	Sr. 1st Yr.		
Snell, Maynard Goldman, B. S in Agr. (A. & M. College, Texas)	Grad.		Kansas City.	Jackson.
Snider, Clyde Hilliard	Arts.	Soph.	Lampas, Texas.	Jackson.
Snider, Jennie M.	Educ.	Spec.	Independence.	
Snider, Vandelia	Educ.	Spec.	Campbell.	Dunklin.
Snyder, Buel C.	Agr.	Spec.	Campbell.	Dunklin.
Snyder, Gerald Curlee	Arts.	Fr.	Lowry City.	St. Clair.
Snyder, Harry P.	Agr.	N. C.	St. Louis.	Mercer. Jackson. St. Louis.
Snyder, James R.	Agr.	N. C.	St. Louis.	
Snyder, Joseph A.	Eng.	Fr.	Princeton.	
Snyder, Thad.	Agr.	Soph.	Kansas City.	
Snyder, Theodosia Munson	Arts.	Soph.	Kirkwood.	Jackson.
Soderstrom, Elmer A.	Jour.	1st Yr.	Kansas City.	
Solan, Marguerite	Arts.	Fr.	Butler.	Bates.
Soel, Earl Marion	Arts.	Fr.	Hannibal.	Marion.
Sommer, Edwin C.	Agr.	Fr.	Princeton.	Mercer.
Sommer, Stockton Noel	Arts.	S. C.	Oregon.	Holt.
Soper, Charles Henry	Arts.	Fr.	St. Louis.	Greene. Greene.
Soper, John	Arts.	Fr.	Springfield.	
Southern, Helen Harwood	Educ.	Fr.	Springfield.	Greene.
Spalding, Aurelia, A. B. (Mt. Holyoke College)	Educ.	2nd Yr.	Monroe City.	Monroe.
Spalding, Lester Gerald	Grad.		Columbia.	Boone.
Spalding, Marion Elizabeth, A. B., B. S. in Ed.	Arts.	Fr.	Eldon.	Miller.
Spaulding, Geraldine	Grad.		Columbia.	Boone.
Spanberg, Ruth	Arts.	Soph.	Columbia.	Boone.
Spearman, Ethel	{Arts. Educ.	Sr. 2nd Yr.	St. Joseph.	Buchanan.
Spearman, Joe Ann	Educ.	Spec.	Iberia.	Miller.
Spelman, Willie Mike	Arts.	Fr.	Iberia.	Miller.
Spencer, Augusta	Agr.	S. C.	Sturgeon.	Boone.
Spencer, Eber Allen	Jour.	1st Yr.	Columbia.	Boone.
Spencer, Mrs. Estella Gossett	Eng.	Jr.	Columbia.	Boone.
Spencer, George Cornwall	Arts.	Soph.	Columbia.	Boone.
Spencer, Howard Wendell	Arts.	Fr.	St. Louis.	Mercer. Lincoln.
Spencer, Hugh Miller, A. B.	Arts.	Soph.	Princeton.	
Spencer, James	Grad.	Winfield.		
Spencer, Jane	Arts.	Fr.	St. Louis.	
Spenny, Perry	Arts.	Soph.	Jefferson City.	Cole.
Spicer, Racine	Agr.	S. C.	Hannibal.	Marion.
Spicknall, Wayne	Arts.	Soph.	Columbia.	Boone.
Spitzer, Garrett Eugene	Agr.	N. C.	Lewistown.	Lewis.
Spracklen, Grace	Eng.	Jr.	Malden.	Dunklin.
Spracklen, Maurine	Educ.	1st Yr.	Webb City.	Jasper.
Sprague, George N.	Educ.	1st Yr.	Webb City.	Jasper.
Spratt, Leah	Arts.	Fr.	Emporia, Kan.	Buchanan.
Springgate, Raymond Sterling	Arts.	Jr.	St. Joseph.	
	{Educ. Agr.	1st Yr. Sr.		
Spuehler, Alfred Charles	Agr.	Sr.	New Haven.	Franklin.
Spurgeon, Samuel Ray	Agr.	Sr.	St. Louis.	Maries. Benton.
Spurgeon, Wilma Ann	Agr.	N. C.	Safe.	
Spurling, Roy Glenwood, A. B.	Arts.	Soph.	Cole Camp.	
Squires, Ruth Bernice	{Med. Grad.	2nd Yr.		
Staats, Clarence Earl	Arts.	Fr.	Columbia.	Boone.
Stadler, Mrs. Cornelia Tuck- erman	Jour.	Spec.	Kansas City.	Jackson.
Stadler, Lewis John, B. S. in Agr., A. M. (Univ. of Fla.)	Jour.	Spec.	Columbia.	Boone.
Stadler, Ross	Agr.	Jr.	Columbia.	Boone.
Stadtherr, Leo	Grad.		Columbia.	Boone.
Stadler, Ross	Arts.	Fr.	St. Louis.	Benton. Jackson.
Stadtherr, Leo	Arts.	Fr.	Cole Camp.	
Stafford, Nellie F.	Educ.	Spec.	Kansas City.	Jackson.
Stahl, John Francis	Jour.	1st Yr.	Madison, S. D.	
Stake, Bruce Standish	Arts.	Fr.	Kansas City.	Jackson.
Staley, Joe E.	Arts.	Soph.	Versailles.	Morgan.
Standish, Harold	Arts.	Jr.	Bedford, Ind.	Boone. Lawrence.
Standish, Harold	Arts.	Jr.	Bedford, Ind.	
Staples, Alonzo Carroll	Arts.	Fr.	Columbia.	Boone.
Stark, Charles Redford	Agr.	Sr.	Logan.	Cass.
Stark, Daniel Crenshaw, A. B.	Grad.		West Line.	Cass.
Stark, Feroi	Arts.	Soph.	Kansas City.	Jackson.
Stark, Lewis Glenn	Agr.	Soph.	West Line.	Cass.
Stark, William Wood	Agr.	Fr.	Columbia.	Boone.
Starks, Marjorie	Arts.	Sr.	Kansas City.	Jackson.
Starling, Roy W.	Agr.	Fr.	Olean.	Miller.
Starnes, Darrell	Arts.	Fr.	Kansas City.	Jackson.
Starr, Cynthia V.	Arts.	Sr.	St. Louis.	

Name	Division	Class	Postoffice	County.
Statton, Cleo H. ....	Agr. ....	Soph. ...	Powersville. ....	Putnam.
Stauber, Martin Stevens. ....	Eng. ....	Fr. ....	Noel. ....	McDonald.
Stauber, Mary Hortense. ....	Educ. ....	1st Yr. ....	Edina. ....	Knox.
Stauterman, Eda B. ....	Educ. ....	2nd Yr. ....	Moberly. ....	Randolph.
Stayton, Floyd Edward. ....	Arts. ....	Fr. ....	Archie. ....	Cass.
Stayton, George Edward. ....	B. & P. A. ....	1st Yr. ....	Independence. ....	Jackson.
Steckdaub, Daniel Garland. ....	Agr. ....	N. C. ...	Woodlandville. ....	Boone.
Steckman, Lillian Lois. ....	(Arts. ....	Sr. ....		
	(Educ. ....	2nd Yr. ....	Plattsburg. ....	Clinton.
Steckman, Mary Ella. ....	Arts. ....	Sr. ....	Clinton. ....	Grundy.
Steele, Edward Elzie. ....	Eng. ....	Fr. ....	Carrollton. ....	Carroll.
Steele, Elizabeth Ruth. ....	Arts. ....	Jr. ....	DeKalb. ....	Buchanan.
Steele, Margaret Fenwick. ....	B. & P. A. ....	Spec. ....	Cherokee, Ia. ....	
Steele, Oliver Swartz. ....	Agr. ....	Sr. ....	DeKalb. ....	Buchanan.
Steele, Robert Edwin. ....	Law. ....	3rd Yr. ....	Kansas City. ....	Jackson.
Steele, William Dulaney, Jr. ....	Agr. ....	Sr. ....	Sedalia. ....	Pettis.
Steen, Jack. ....	Arts. ....	Soph. ....	Archie. ....	Cass.
Steenbergen, Catherine E. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Steenbergen, Sarah Van Meter. ....	Arts. ....	Soph. ....	Columbia. ....	Boone.
Stein, Ralph William. ....	Arts. ....	Soph. ....	St. Louis. ....	
Stein, Selma. ....	Jour. ....	2nd Yr. ....	Kansas City. ....	Jackson.
Steiner, Hilda F. W., B. S. in Ed. ....	Grad. ....	Jr. ....	St. Louis. ....	
Steiner, Otto Bernhard. ....	Agr. ....	Jr. ....	St. Louis. ....	
Steinmetz, Edwin Stephen. ....	Arts. ....	Fr. ....	Sweet Springs. ....	Saline.
Stelbasky, Michael J. ....	Agr. ....	N. C. ...	St. Louis. ....	
Stemmerick, Charles B. ....	Agr. ....	Soph. ....	St. Louis. ....	
Stephens, Emmett G. ....	Agr. ....	Fr. ....	Mexico. ....	Audrain.
Stephens, Joseph Charlworth. ....	Agr. ....	Spec. ....	Columbia. ....	Boone.
Stephens, Laura Moss. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Stephens, Martha French. ....	Arts. ....	Fr. ....	Kansas City. ....	Jackson.
Stephens, Mary Ann, B. S. in Ed. ....	Grad. ....		Kansas City. ....	Jackson.
Stephenson, Glen Orvell. ....	Arts. ....	Fr. ....	Moberly. ....	Randolph.
Stephenson, James Lowell. ....	Arts. ....	Fr. ....	Cawkes City, Kan. ....	
Stephens, Marion. ....	Jour. ....	2nd Yr. ....	Columbia. ....	Boone.
Stepp, Mary Isabelle. ....	Arts. ....	Fr. ....	Trenton. ....	Grundy.
Stern, Abraham L. ....	Arts. ....	Spec. ....	New York, N. Y. ....	
Stetson, Harold. ....	Arts. ....	Fr. ....	Colorado Springs, Colo. ....	
Stevens, Roy S. ....	Arts. ....	Soph. ...	Columbia. ....	Boone.
Stevenson, Chester Allen Jr. ....	Jour. ....	Spec. ...	Ashland, Kan. ....	
Stevenson, James Baxter, Jr., A. B. (Hendrix College). ....	Grad. ....		Russellville, Ark. ....	
Stevinson, Dorothy Elizabeth. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Stewart, Charles Waldo. ....	Arts. ....	Fr. ....	Kahoka. ....	Clark.
Stewart, Donald Vivian. ....	Agr. ....	Fr. ....	Fairfax. ....	Atchison.
Stewart, Edgar William. ....	Agr. ....	Fr. ....	Fairfax. ....	Atchison.
Stewart, Fred William. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Stewart, Henrietta M. ....	Educ. ....	2nd Yr. ....	St. Joseph. ....	Buchanan.
Stewart, James Alfred, Jr. ....	Agr. ....	Fr. ....	Kansas City. ....	Jackson.
Stewart, Josephine, B. S. in Ed., B. J. ....	Grad. ....		Joplin. ....	Jasper.
Stewart, Oliver Garner. ....	Law. ....	3rd Yr. ....	Wathena, Kan. ....	
Stewart, Robert Lawrence, Jr. ....	Arts. ....	Soph. ...	Kansas City. ....	Jackson.
Stewart, Robert Roland. ....	Eng. ....	Jr. ....	Festus. ....	Jefferson.
Stewart, Rosenthal E., B. S. in Ed. ....	Grad. ....		Lathrop. ....	Clinton.
Stewart, Wallace W. ....	Agr. ....	N. C. ...	Ladonia. ....	Audrain.
Steckler, Chloe. ....	Arts. ....	Fr. ....	Green City. ....	Sullivan.
Stiegemeier, Herbert. ....	Agr. ....	S. C. ...	Concordia. ....	Lafayette.
Stienbarger, Mable Claire. ....	Agr. ....	Sr. ....	Kirksville. ....	Adair.
Stierlin Marguerite Emily. ....	Arts. ....	Sr. ....	St. Louis. ....	
Stigall, Katherine. ....	Arts. ....	Jr. ....	Kansas City. ....	Jackson.
Still, Alice Josephine. ....	Arts. ....	Soph. ...	Normandy. ....	St. Louis.
Stillman, Hannah Amelia, B. S. (Rhode Island State College). ....	Grad. ....		Westerly, R. I. ....	
Stillwell, Walter G. ....	Arts. ....	Fr. ....	Hannibal. ....	Marion.
Stinson, Ben A. ....	Arts. ....	Jr. ....	St. Louis. ....	
Stinson, Catheryne Loving. ....	Arts. ....	Soph. ...	Camden, Ark. ....	
Stinson, Fred. ....	Agr. ....	N. C. ...	Lewistown. ....	Lewis.
Stinson, Laura Virginia. ....	Arts. ....	Sr. ....	Camden, Ark. ....	
Stinson, Thane Kennedy. ....	Arts. ....	Soph. ...	Farmington. ....	St. Francois.
Stipe, Harold J. ....	Arts. ....	Sr. ....	Plattsburg. ....	Clinton.
Stipe, James Edward. ....	Arts. ....	Soph. ...	Plattsburg. ....	Clinton.
Stith, Ernest Paul. ....	Arts. ....	Fr. ....	Madison. ....	Monroe.
Stith, Rolla Glenn. ....	Eng. ....	Jr. ....	Independence. ....	Jackson.
Stockdale, Rider. ....	Arts. ....	Sr. ....	Shelbina. ....	Shelby.
Stockton, Elizabeth Martin, B. S. in Ed. ....	Grad. ....		Columbia. ....	Boone.
Stokes, Charles Edwin. ....	Jour. ....	2nd Yr. ....	Edwardsville, Ill. ....	
Stoll, Matthew. ....	Agr. ....	N. C. ...	Conception Junct. ....	Nodaway.
Stone, Homer Lee. ....	Agr. ....	Fr. ....	Dexter. ....	Stoddard.
Stone, Joseph James. ....	Educ. ....	2nd Yr. ....	Macon. ....	Macon.

Name	Division	Class	Postoffice	County
Stone, Lilburn F.	Agr.	N. C.	Marble Hill.	Bollinger.
Stone, Mary Virginia.	Arts.	Soph.	Kansas City.	Jackson.
Stoner, Amber Lenora.	Arts.	Fr.	Ridgeway.	Harrington.
Stonner, Frank.	Agr.	Sr.	Chamois.	Osage.
Stonner, Robert Lee.	Agr.	Fr.	Chamois.	Osage.
Stormont, Paul.	Arts.	Fr.	Webb City.	Jasper.
Storms, James William.	Arts.	Soph.	Kansas City.	Jackson.
Stout, Christine.	Educ.	2nd Yr.	Columbia.	Boone.
Stout, Eugene Thomas.	Arts.	Soph.	St. Joseph.	Buchanan.
Stoutz, Oscar Czarnowski.	Agr.	Sr.	Muskogee, Okla.	
Stradley, Frank B.	Arts.	Fr.	Caney, Kan.	
Strange, S. T.	Agr.	S. C.	Holden.	Johnson.
Strasburger, Harry, Jr.	Arts.	Soph.	Parsons, Kan.	
Stratton, Rens Shockley.	Law	1st Yr.	Columbia.	Boone.
Stratton, Thomas A.	Arts.	Fr.	Kansas City.	Jackson.
Stratton, Mrs. Viola McCullen.	Educ.	2nd Yr.	Columbia.	Boone.
Strauss, Samuel J.	Agr.	N. C.	St. Louis.	
Street, Adelyn DeBorn.	Arts.	Fr.	Shenandoah, Ia.	
Street, Mabel Frances.	Educ.	1st Yr.	Columbia.	Boone.
Streeter, Harold Verdelle.	Arts.	Fr.	Columbia.	Boone.
Streich, Helen Amelia.	Arts.	Fr.	Nevada.	Vernon.
Stretch, Frank J.	Arts.	Soph.	St. Louis.	
Strieder, Henry Phillip.	Eng.	Fr.	St. Louis.	
Strodal, Walter J.	Law	1st Yr.	St. Louis.	
Stroeter, Horace Johnston.	Agr.	Sr.	Bowling Green.	Pike.
Stroeter, William James.	Agr.	Sr.	Columbia.	Boone.
Strong, William G.	Jour.	Spec.	Ft. Scott, Kan.	
Strother, Isabelle Nelle.	Arts.	Jr.	Kansas City.	Jackson.
Strother, Margaret K.	Arts.	Fr.	Fresno, Cal.	
Strother, Newell Wallis.	Agr.	Sr.	Columbia.	Boone.
Stroud, George S., Jr.	Arts.	Fr.	Kansas City.	Jackson.
Stuart, Lee Chapman.	Agr.	Spec.	Huntsville.	Randolph.
Stuart, Russell K.	Agr.	N. C.	Laddonia.	Audrain.
Stuart, Wallace Woodford.	Agr.	N. C.	Laddonia.	Audrain.
Stuckey, Claude Elmer.	Agr.	Sr.	Columbia.	Boone.
Stuebner, James Adolph.	Eng.	Fr.	St. Joseph.	Buchanan.
Stukenbroeker, George H. A.				
B. (Central Wesleyan College)	Grad.		Columbia.	Boone.
Stumburg, Mildred Helene.	Arts.	Spec.	Weldon Springs.	St. Charles.
Stunz, Arthur Nesbit.	Arts.	Fr.	Sheridan.	Worth.
Sturges, Mildred Claire.	Arts.	Jr.	Independence.	Jackson.
Sturtevant, Lawrence Ellis.	Arts.	Spec.	Kansas City.	Jackson.
Stutsman, Fannie Zoe.	Arts.	Fr.	Laclede.	Linn.
Sublette, Joab.	Agr.	N. C.	Columbia.	Boone.
Sullivan, Mrs. Lula M., B. S.				
in Ed.	Grad.		Columbia.	Boone.
Sullivan, Milton W.	Arts.	Fr.	Clever.	Christian.
Summer, Edwin.	Agr.	S. C.	Oregon.	Holt.
Summers, Anna Belle.	Arts.	Fr.	Boonville.	Cooper.
Summers, Floyd George.	Arts.	Fr.	Memphis.	Scotland.
Summers, George Richard.	Arts.	Fr.	Columbia.	Boone.
Sumner, Ruth.	Arts.	Sr.	Kansas City.	Jackson.
Sunderman, Charles F.	Arts.	Fr.	Fairview, Okla.	
Surface, Gardner A.	Arts.	Fr.	Kansas City.	Jackson.
Sutherland, Anne.	Educ.	1st Yr.	Windsor.	Johnson.
Sutter, George William.	(Arts.)	Spec.		
	(Law.)	Spec.	Kansas City.	Jackson.
Sutton, Dorothy.	Arts.	Fr.	Kansas City.	Jackson.
Svoboda, Arthur Joseph.	Arts.	Sr.	St. Louis.	
Swain, Virginia Maude.	Arts.	Jr.	Kansas City.	Jackson.
Swanson, Roy Paul.	Law	4th Yr.	Kansas City.	Jackson.
Swartz, Nora Vee.	Fr.	Madison.		Monroe.
Swearingen, Clifford Ben.	Eng.	Soph.	Kansas City.	Jackson.
Swearingen, Lester Van.	B. & P. A.	Spec.	Columbia.	Boone.
Swet, Abe.	Jour.	2nd Yr.	Columbia.	Boone.
Swet, Mrs. Abe.	Jour.	Spec.	Columbia.	Boone.
Swift, Selby.	Arts.	Fr.	Mexico.	Audrain.
Swihart, Sheldon.	Agr.	N. C.	Independence.	Jackson.
Swindell, Orval Fisher.	Arts.	Jr.	Blairstown.	Henry.
Swindell, Rolla A.	Eng.	Sr.	Blairstown.	Henry.
Swindler, Herbert Lee.	Arts.	Fr.	Muskogee, Okla.	
Swindler, Kenneth R.	Agr.	Fr.	Braymer.	Caldwell.
Swinney, Cesco.	Arts.	Spec.	California.	Monteau.
Swinney, Everett Lee.	Jour.	2nd Yr.	Clarence.	Shelby.
Swinney, William Thomas, Jr.				
A. B. (Central College).	B. & P. A.	2nd Yr.	Gilliam.	Saline.
Swisher, Alice Corriene.	Arts.	Fr.	Kansas City.	Jackson.
Swisher, Robert Chalmers.	Arts.	Soph.	Kansas City.	Jackson.
Swifford, Jane.	Educ.	2nd Yr.	Kansas City.	Jackson.
Swords, Walter James.	Law	Spec.	University City.	St. Louis.
Sylvester, John William.	Eng.	Sr.	Columbia.	Boone.
Sylvester, William Frank, B.				
S. in Agr.	Agr.	Spec.	Carrollton.	Carroll.



Name	Division	Class	Postoffice	County
Sympson, Harold Amon.....	Arts.....	Soph.....	Egerton.....	Platte.
Taake, Edith L.....	Arts.....	Fr.....	St. Louis.....	
Tainter, Joseph Chauncey De- pew Frances.....	Arts.....	Soph.....	St. Charles.....	St. Charles.
Talbert, Clifford Roscoe.....	Agr.....	Jr.....	Cabot, Ark.....	Jackson.
Talbert, J. Glen.....	Arts.....	Soph.....	Richmond.....	Ray.
Tamm, Ruth.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Tandy, Mabel Estelle.....	Arts.....	Fr.....	Columbia.....	Boone.
Tandy, Margaretta.....	Educ.....	Spec.....	Columbia.....	Boone.
Tandy, Sarah Catherine.....	Arts.....	Soph.....	Columbia.....	Boone.
Tandy, William Henry.....	Arts.....	Spec.....	Columbia.....	Boone.
Tanner, Ned.....	Agr.....	Fr.....	Sikeston.....	Scott.
Tarbet, Jessie June.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Tatum, Anna Louise.....	Educ.....	1st Yr.....	Anderson.....	McDonald.
Taylor, Ann.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Taylor, Bettie Eunice.....	Arts.....	Fr.....	Columbia.....	Boone.
Taylor, David Frederick, Jr.....	Arts.....	Fr.....	Osceola, Ark.....	
Taylor, Dorr Anderson.....	Eng.....	Fr.....	Sumner.....	Chariton.
Taylor, Elizabeth Jane.....	Arts.....	Jr.....	Joplin.....	Jasper.
Taylor, George E., Jr.....	Agr.....	S. C.....	Columbia.....	Boone.
Taylor, Henry Allison.....	Arts.....	Fr.....	Columbia.....	Boone.
Taylor, Henry Cone.....	Arts.....	Fr.....	Columbia.....	Boone.
Taylor, James B.....	Arts.....	Jr.....	Columbia.....	Boone.
Taylor, James McBride, Jr.....	Arts.....	Soph.....	Columbia.....	Boone.
Taylor, Jean Elsie, A. B., B. S. in Ed., A. M.....	Grad.....		Mt. Moriah.....	Harrison.
Taylor, John P.....	Arts.....	Fr.....	Bethany.....	Harrison.
Taylor, Leon Akers.....	Arts.....	Fr.....	Jefferson City.....	Cole.
Taylor, Margaret E.....	Arts.....	Fr.....	Columbia.....	Boone.
Taylor, Monte.....	Arts.....	Fr.....	Joplin.....	Jasper.
Taylor, Ralph W.....	Arts.....	Fr.....	Mound City.....	Holt.
Taylor, Thomas Elmer.....	Arts.....	Fr.....	Carthage.....	Jasper.
Taylor, Van William.....	(Arts..... Med.....)	Jr..... 1st Yr.....	Campbell.....	Dunklin.
Taylor, Walter Scott.....	Agr.....	Sr.....	Clara.....	Texas.
Tchossitch, Krsta Dan.....	Arts.....	Spec.....	Prijedor, Serbia.....	
Teague, Wayne Jackson.....	Med.....	1st Yr.....	Eldorado Springs.....	Cedar.
Tedrick, Eva Adella.....	Educ.....	Spec.....	Altamont.....	Daviess.
Tedrick, Orlo T.....	Eng.....	S. C.....	Altamont.....	Daviess.
Tegarden, Earl S.....	B. & P. A.....	Spec.....	Nettleton.....	Caldwell.
Teel, Fred Allen.....	Agr.....	N. C.....	Columbia.....	Boone.
Teichman, Carl Julian.....	Arts.....	Soph.....	St. Louis.....	
Templeman, Alexander Dock- ery.....	Arts.....	Soph.....	Bethany.....	Harrison.
Templeman, Robert Smith.....	Arts.....	Jr.....	Bethany.....	Harrison.
Templeton, Commodore Dewey.....	Arts.....	Spec.....	Columbia.....	Boone.
Tenenbaum, Fannie.....	Jour.....	1st Yr.....	Kansas City.....	Jackson.
Terrill, John Vincent.....	Arts.....	Jr.....	Moberly.....	Randolph.
Terrill, Mary Emma.....	Arts.....	Soph.....	Moberly.....	Randolph.
Terry, Ira Goff.....	Educ.....	Spec.....	Purdin.....	Linn.
Terry, Norman B.....	Arts.....	Soph.....	Alexander, Neb.....	
Terry, Theodore L.....	Arts.....	Fr.....	Okmulgee, Okla.....	
Terwillinger, Nancie Lucas.....	Arts.....	Fr.....	Osceloa.....	St. Clair.
Tetley, Martha Elizabeth.....	Arts.....	Soph.....	Hannibal.....	Marion.
Tetley, Olga Marjorie.....	Educ.....	2nd Yr.....	Hannibal.....	Marion.
Tetley, Samuel Childress.....	Agr.....	Soph.....	Farmington.....	St. Francois.
Tetrick, James W.....	Agr.....	Spec.....	Houston.....	Texas.
Thaw, Simon.....	Arts.....	Fr.....	New York, N. Y.....	
Thee, Orlando Louis.....	Arts.....	Fr.....	Columbia.....	Boone.
Theilmann, Hermon John.....	Agr.....	Jr.....	Columbia.....	Boone.
Theiss, Frank.....	Agr.....	S. C.....	Warrensburg.....	Johnson.
Thiehoff, Eldred Victor, A. B. in Ed.....	(Med..... Grad.....)	2nd Yr.....	Monroe City.....	Monroe.
Thiemann, Joseph F.....	Agr.....	N. C.....	St. Louis.....	
Thiemeyer, Ernest E.....	Arts.....	Jr.....	St. Louis.....	
Thies, Herbert F.....	Arts.....	Soph.....	Pilger, Neb.....	
Thogmartin, Don F.....	Eng.....	N. C.....		
Thomas, Harry, Jr.....	Eng.....	Fr.....	Moberly.....	Randolph.
Thomas, Jack Edwin.....	Jour.....	1st Yr.....	Kansas City.....	Jackson.
Thomas, Mrs. Lillian Evered.....	Arts.....	Sr.....	Columbia.....	Boone.
Thomas, Marjorie.....	Arts.....	Fr.....	Columbia.....	Boone.
Thomas, Melvin B.....	Jour.....	Spec.....	Columbia.....	Boone.
Thomasson, Mrs. R. R.....	Educ.....	1st Yr.....	Columbia.....	Boone.
Thompson, Alice Helen.....	Educ.....	2nd Yr.....	Unionville.....	Putnam.
Thompson, Amelia.....	Arts.....	Sr.....	Trenton.....	Grundy.
Thompson, Anna Belle, B. S. in Ed.....	Grad.....		Butler.....	Bates.
Thompson, David Newton.....	Agr.....	Soph.....	Butler.....	Bates.
Thompson, Elizabeth Ellen.....	Med.....	1st Yr.....	Tarkio.....	Atchison.
Thompson, Evelyn Gertrude.....	Arts.....	Fr.....	St. Louis.....	
Thompson, F. A., B. S. in Ed. (N. E. State Teachers Col- lege).....	Grad.....		LaPlata.....	Macon.

Name	Division	Class	Postoffice	County
Thompson, Grover Cleveland.	Agr. ....	N. C. . .	Lynnville, Ind. ....	
Thompson, Jefferson Carstarphen. . . . .	B. & P. A.	2nd Yr.	Columbia. . . . .	Boone.
Thompson, Laura Louise. . . . .	Arts. . . . .	Soph. . . . .	Columbia. . . . .	Boone.
Thompson, Mable. . . . .	Jour. . . . .	1st Yr. . . . .	Jefferson City. . . . .	Cole.
Thompson, Maude Ellen. . . . .	Educ. . . . .	2nd Yr. . . . .	Columbia. . . . .	Boone.
Thompson, Milton Vale. . . . .	Agr. . . . .	Fr. . . . .	Trenton. . . . .	Grundy.
Thompson, Roscoe L. . . . .	Educ. . . . .	2nd Yr. . . . .	LaBelle. . . . .	Lewis.
Thompson, Samuel Ralph. . . . .	Agr. . . . .	Fr. . . . .	Quincy, Ill. . . . .	
Thompson, Sterling, A. B. . . . .	Grad. . . . .		LaBelle. . . . .	Lewis.
Thompson, W. W., Jr. . . . .	Arts. . . . .	Fr. . . . .	Lees Summit. . . . .	Jackson.
Thomson, Charles Edwin. . . . .	Arts. . . . .	Fr. . . . .	Kansas City. . . . .	Jackson.
Thomson, Frederick Allen. . . . .	Arts. . . . .	Jr. . . . .	Cowgill. . . . .	Caldwell.
Thomson, William Erle. . . . .	Arts. . . . .	Fr. . . . .	Kansas City. . . . .	Jackson.
Thomure, Bernice. . . . .	Jour. . . . .	2nd Yr. . . . .	Bonne Terre. . . . .	St. Francois.
Thornburgh, Paul Eli. . . . .	Arts. . . . .	Fr. . . . .	West Plains. . . . .	Howell.
Thorne, Gerald Barklay. . . . .	Agr. . . . .	Fr. . . . .	Purdin. . . . .	Linn.
Thornhill, Archie C. . . . .	Agr. . . . .	N. C. . . . .	Forest City. . . . .	Holt.
Thornton, Joseph E., Jr. . . . .	Arts. . . . .	Fr. . . . .	Columbia. . . . .	Boone.
Thornton, Paul. . . . .	Eng. . . . .	Jr. . . . .	Webster Groves. . . . .	St. Louis.
Thornton, Stephen F. . . . .	Eng. . . . .	Fr. . . . .	Webster Groves. . . . .	St. Louis.
Thorp, Cary Dean. . . . .	(Agr. . . . .	Sr. . . . .		
	(Educ. . . . .	1st Yr. . . . .	Maplewood. . . . .	St. Louis.
Thrower, Louis Virgil. . . . .	Agr. . . . .	Spec. . . . .	Columbia. . . . .	Boone.
Thumser, Agnes L. . . . .	Educ. . . . .	1st Yr. . . . .	Lockwood. . . . .	Dade.
Thurlo, Malissa Katherine. . . . .	Educ. . . . .	1st Yr. . . . .	Bosworth. . . . .	Carrol.
Thurlo, Vane Clifton. . . . .	Law. . . . .	1st Yr. . . . .	Browning. . . . .	Sullivan.
Thurman, Helen Fry. . . . .	Arts. . . . .	Jr. . . . .	Plattsburg. . . . .	Clinton.
Thurmond, Chalmer. . . . .	Agr. . . . .	S. C. . . . .	Clarkville. . . . .	Pike.
Thursby, Edgar Charles. . . . .	Arts. . . . .	Soph. . . . .	St. Louis. . . . .	
Thurston, Lorrin Potter. . . . .	Jour. . . . .	1st Yr. . . . .	Honolulu, Hawaii. . . . .	
Tibbe, Anton A., Jr. . . . .	Arts. . . . .	Sr. . . . .	Washington. . . . .	Franklin.
Tibbe, Cuthbert Pierce. . . . .	Arts. . . . .	Soph. . . . .	Washington. . . . .	Franklin.
Tibbitts, Henry Bradford. . . . .	Arts. . . . .	Soph. . . . .	Kirkwood. . . . .	St. Louis.
Tidd, Harry, C. E. . . . .	Arts. . . . .	Sr. . . . .	Kansas City. . . . .	Jackson.
Tiffany, George L. . . . .	Eng. . . . .	Fr. . . . .	Springfield. . . . .	Greene.
Tilberg, Frederick. . . . .	Grad. . . . .		Dwight, Kan. . . . .	
Tilden, Charlotte Mary. . . . .	Arts. . . . .	Fr. . . . .	Sedalia. . . . .	Pettis.
Tilden, William. . . . .	Arts. . . . .	Soph. . . . .	Sedalia. . . . .	Pettis.
Tillery, Susan Elizabeth, B. S. in Ed., A. B. . . . .	Grad. . . . .		Columbia. . . . .	Boone.
Tilley, Doris. . . . .	Arts. . . . .	Soph. . . . .	Bethany. . . . .	Harrison.
Tilley, Robert Bruce. . . . .	Arts. . . . .	Fr. . . . .	Plato. . . . .	Texas.
Tincher, Virginia. . . . .	Arts. . . . .	Fr. . . . .	River Forest, Ill. . . . .	
Tingle, Wentworth Corydon. . . . .	B. & P. A.	1st Yr. . . . .	Washington. . . . .	Franklin.
Tinsley, Ellen Jayne. . . . .	Arts. . . . .	Soph. . . . .	Bowling Green. . . . .	Pike.
Tipton, Elijah Lee. . . . .	Agr. . . . .	Sr. . . . .	Albany. . . . .	Gentry.
Tisdell, William Lawrence. . . . .	Arts. . . . .	Jr. . . . .	Muskogee, Okla. . . . .	
Tisue, Gilbert Thomas. . . . .	Arts. . . . .	Fr. . . . .	Jefferson City. . . . .	Cole.
Titcomb, Silas Woodson. . . . .	Arts. . . . .	Jr. . . . .	Trenton. . . . .	Grundy.
Toalson, Tilford B. . . . .	Arts. . . . .	Fr. . . . .	Urich. . . . .	Henry.
Toben, Louise. . . . .	Arts. . . . .	Jr. . . . .	Bloomfield, Ia. . . . .	
Tobey, John T. . . . .	Agr. . . . .	N. C. . . . .	St. Louis. . . . .	
Tobias, Mrs. Cleo L. . . . .	Arts. . . . .	Fr. . . . .	Eagleville. . . . .	Harrison.
Tobias, Omer Morris, B. S. in Ed. . . . .	Grad. . . . .		Bethany. . . . .	Harrison.
Todd, Bruce H. . . . .	Jour. . . . .	Spec. . . . .	Salina, Kan. . . . .	
Todd, Harold T. . . . .	Arts. . . . .	Fr. . . . .	Miami, Okla. . . . .	
Todd, Wylie. . . . .	Arts. . . . .	Fr. . . . .	St. Louis. . . . .	
Tolle, Gerald F. . . . .	Arts. . . . .	Fr. . . . .	Galt. . . . .	Grundy.
Tomlin, Rhena Mae. . . . .	Arts. . . . .	Soph. . . . .	Purdin. . . . .	Linn.
Tooe, Elizabeth. . . . .	Arts. . . . .	Fr. . . . .	Brookfield. . . . .	Linn.
Tooney, Harry Farrell. . . . .	Arts. . . . .	Sr. . . . .	Kansas City. . . . .	Jackson.
Toomay, Clyde R. . . . .	Arts. . . . .	Fr. . . . .	Braymer. . . . .	Caldwell.
Torblit, Mrs. Lillian McGhee. . . . .	Educ. . . . .	Spec. . . . .	Huntsville. . . . .	Boone.
Towns, Wimberly Lee. . . . .	Agr. . . . .	N. C. . . . .	Wellington, Tex. . . . .	
Townsend, Virginia Bushnell. . . . .	Arts. . . . .	Soph. . . . .	Bolivar. . . . .	Polk.
Tracy, Lyman Gage. . . . .	Arts. . . . .	Fr. . . . .	Buffalo. . . . .	Dallas.
Trautwein, Erwin Louis. . . . .	Arts. . . . .	Fr. . . . .	Gerald. . . . .	Franklin.
Traxler, Charles Wesley. . . . .	Agr. . . . .	S. C. . . . .	Columbia. . . . .	Boone.
Trembly, Lewis Russell. . . . .	B. & P. A.	1st Yr. . . . .	Kansas City. . . . .	Jackson.
Trenholme, Norman Hurst. . . . .	Arts. . . . .	Fr. . . . .	Columbia. . . . .	Boone.
Trent, Harold Garnett. . . . .	Arts. . . . .	Fr. . . . .	Muskogee, Okla. . . . .	
Trimble, Thomas Botts. . . . .	Agr. . . . .	Fr. . . . .	Chillicothe. . . . .	Livingston.
Triplet, Hugh D. . . . .	Agr. . . . .	Sr. . . . .	Sibley. . . . .	Jackson.
Tripp, Olin R. . . . .	Agr. . . . .	Fr. . . . .	Ridgeway. . . . .	Harrison.
Trippe, Alvin C. . . . .	Law. . . . .	1st Yr. . . . .	Warsaw. . . . .	Benton.
Trobridge, Frederick Carlton. . . . .	Eng. . . . .	Soph. . . . .	Adrian. . . . .	Bates.
Trobridge, Harold Allen. . . . .	Eng. . . . .	Jr. . . . .	Adrian. . . . .	Bates.
Troxel, Carl R. . . . .	Eng. . . . .	Fr. . . . .	Gallatin. . . . .	Daviess.
Troxell, Alexander Richard, B. S. in Agr., B. S. in Ed. . . . .	Law. . . . .	1st Yr. . . . .	Columbia. . . . .	Boone.
True, Sarah Evalyn, B. S. in Ed. . . . .	Educ. . . . .	Spec. . . . .	Columbia. . . . .	Boone.
Truitt, Mary Elizabeth. . . . .	Arts. . . . .	Spec. . . . .	Columbia. . . . .	Boone.

Name	Division	Class	Postoffice	County
Truitt, Max O'Rell	Arts.	Fr.	Columbia	Boone.
Truitt, Paul Thomas	Agr.	Soph.	Columbia	Boone.
Trunk, Edwin Frederick	Eng.	Fr.	St. Louis.	
Tu, Simon Ching, A. B., B. S. in Ed.	Grad.		Kuikiang, China.	
Tucker, Berlie Elbert	Agr.	Spec.	Eldon	Miller.
Tucker, Charles Clifford	Jour.	1st Yr.	Rocheport	Boone.
Tuckerman, Laura Barnstead	Arts.	Spec.	St. Louis	
Tuggle, Alliene Roberta	{Arts. Educ.	Sr. 2nd Yr.	Moberly	Randolph.
Tull, C. Earle	Arts.	Soph.	St. Joseph	Buchanan.
Tull, Carolyn	Arts.	Jr.	St. Joseph	Buchanan.
Turk, Frances Eleanor	Arts.	Jr.	Mt. Vernon	Lawrence.
Turk, Laurel H.	Arts.	Soph.	Mt. Vernon	Lawrence.
Turley, Horatio Howard	Arts.	Fr.	Desloge	St. Francois.
Turner, Alvin Luther	Agr.	Spec.	Hannibal	Marion.
Turner, Augusta Lavice	Arts.	Fr.	Columbia	Boone.
Turner, Dorothy Margaret	Arts.	Jr.	Bartlesville, Okla.	
Turner, Duane	Arts.	Soph.	Columbia	Boone.
Turner, Mrs. Edward W.	Educ.	Spec.	Princeton	Mercer.
Turner, Elmer Elsworth, Jr.	Eng.	Jr.	Jefferson City	Cole.
Turner, Farris Towbridge	Agr.	S. C.	Eagleville	Harrison.
Turner, Harriet B.	Agr.	Fr.	Quincy, Ill.	
Turner, Jack	Arts.	Fr.	Columbia	Boone.
Turner, Julia Vivian	Agr.	Fr.	Columbia	Boone.
Turner, Mrs. Jennie E.	Agr.	S. C.	Albany	Gentry.
Turner, Mary Mildred	Arts.	Fr.	Cherry Box	Shelby.
Turner, Minnie F.	Arts.	Spec.	Kansas City	Jackson.
Turner, Neely	Agr.	Jr.	Neosho	Newton.
Turner, Paul E.	Agr.	N. C.	King City	Gentry.
Turner, Phyllis Virginia	Arts.	Fr.	Columbia	Boone.
Turner, Prewitt Bates	Agr.	Jr.	Oklahoma City, Okla.	
Turner, Ray Von	Agr.	Jr.	Elsberry	Lincoln.
Turner, Sam	Agr.	S. C.	Linneus	Linn.
Turner, Thomas Freeman	Arts.	Jr.	Cherry Box	Shelby.
Turner, Thomas Jackson, Jr.	Arts.	Soph.	Oklahoma City, Okla.	
Turner, Wilson Chandler	Agr.	Fr.	Columbia	Boone.
Tutt, Bland Richard	Eng.	Jr.	Crocker	Pulaski.
Tutt, Lawrence Eugene	Agr.	Jr.	Crocker	Pulaski.
Tuttle, Loren Wayne	Eng.	Jr.	Kirksville	Adair.
Tweedie, Clara V.	Educ.	2nd Yr.	Carrollton	Carroll.
Tweedie, William Reid	Arts.	Soph.	Jefferson City	Cole.
Twente, Julius	Arts.	Jr.	Napoleon	Lafayette.
Twichell, Norman Dean	Arts.	Sr.	Kansas City	Jackson.
Twitty, Russell Jerome	Agr.	N. C.	Columbia	Boone.
Twyman, Carolyn	Arts.	Jr.	Independence	Jackson.
Tydings, A. Glad	Agr.	Soph.	Moberly	Randolph.
Tydings, Gladys	Arts.	Fr.	Sarcozie	Jasper.
Tydings, Merry	Arts.	Fr.	Moberly	Randolph.
Tydings, Robert Stillman	Arts.	Soph.	Moberly	Randolph.
Tyler, Amie Louise	Educ.	2nd Yr.	Kansas City	Jackson.
Tyler, Joseph, Benjamin Bartlett	{Agr. Educ.	Sr. 1st Yr.	St. Charles	St. Charles.
Tyler, Mildred	Educ.	2nd Yr.	Fulton	Callaway.
Tyler, Thomas Yates	Agr.	Soph.	Columbia	Boone.
Udstad, Sigvald F.	Eng.	Sr.	St. Charles	St. Charles.
Uhl, L. Helen	Grad.		Cameron	Clinton.
Uhland, Russel Edward	Agr.	Jr.	Breckenridge	Caldwell.
Uhrig, L. Vernon	Eng.	Fr.	Carrollton	Carroll.
Ulbricht, John Harold	Arts.	Jr.	St. Louis	
Ulbricht, Norman J.	Arts.	Soph.	St. Louis	
Ulery, William, Jr.	B. & P. A.	2nd Yr.	Elsberry	Lincoln.
Ullman, Elwood, Jr.	Arts.	Fr.	St. Louis	
Ullman, Mary Genevieve	Arts.	Fr.	Springfield	Greeene.
Ulth, William H.	Arts.	Fr.	Kansas City	Jackson.
Underhill, Clyde Charles	Jour.	Spec.	Omaha, Neb.	
Underhill, Reginald S.	Arts.	Fr.	Columbia	Boone.
Underwood, Samuel Augustus Victor	Jour.	1st Yr.	Cheyenne, Wyo.	
Upbaus, Oscar	Agr.	S. C.	Lexington	Lafayette.
Uptegrove, Joseph Thompson, A. B.	Law	2nd Yr.	Montgomery City	Montgomery.
Upton, Elizabeth Marten	Arts.	Fr.	Bolivar	Polk.
Urteaga, Enrique L.	Eng.	Soph.	San Nicolas, Arg.	
Usher, Mildred	Arts.	Fr.	Mayfield, Ky.	
Utterback, Harmon M.	Agr.	S. C.	Brimson	Grundy.
Utterback, John Shelton	Agr.	S. C.	Bethany	Harrison.
Utz, Samuel Turner	Agr.	Jr.	Faucett	Buchanan.
Valentine, Joe Harvey	Agr.	S. C.	Greenfield, Ill.	
Vanatta, Helen Gould	Agr.	Soph.	Columbia	Boone.



Name	Division	Class	Postoffice	County
Vanatta, Mary Frances.....	Arts.....	Fr.....	Boonville.....	Cooper.
Vance, Charles Cathcart.....	Jour.....	1st Yr.....	Kansas City.....	Jackson.
Van Cleve, John Henry.....	Agr.....	Soph.....	Pevely.....	Jefferson.
Van Dam, Sadius Henry.....	Arts.....	Fr.....	Columbia.....	Boone.
Vanderfelt, Albert F.....	Agr.....	S. C.....	Jefferson City.....	Cole.
Van Dyne, Charles Moorman.....	Eng.....	Jr.....	Sedalia.....	Pettis.
Van Dyne, Vitula Moorman.....	Arts.....	Sr.....	Sedalia.....	Pettis.
Van House, Alton LeRoy.....	Arts.....	Fr.....	Webb City.....	Jasper.
Van Horn, Robert Thompson.....	Agr.....	Soph.....	Independence.....	Jackson.
Vanice, Kaer Philip, Jr.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Van Kemper, Alfred.....	Agr.....	N. C.....	St. Louis.....	
Van Nice, William Jones, Jr.....	Arts.....	Soph.....	Kirkwood.....	St. Louis.
Van Sickle, Elmer C.....	Arts.....	Spec.....	St. Louis.....	
Vanstane, Virgil R.....	{Arts.....	Sr.....		
	{Med.....	1st Yr.....	Dawn.....	Livingston.
Vanston, James Mueller.....	Eng.....	Sr.....	Texarkana, Tex.....	
Vanzant, Neil Canady.....	Art.....	Fr.....	Eagleville.....	Harrison.
Vardeman, William Clarence.....	Agr.....	Fr.....	Independence.....	Jackson.
Varnier, Catherine R.....	Arts.....	Sr.....	Union Star.....	DeKalb.
Vasse, Edwin DeYoung.....	Law.....	2nd Yr.....	Huntsville.....	Randolph.
Vaugh, Mrs. Clara Pennington, A. B., B. S. in Ed.....	Grad.....		Columbia.....	Boone.
Vaugh, Mason, B. S. in Agr.....	Eng.....	Sr.....	Farmington.....	St. Francois.
Vaugh, Ora.....	Arts.....	{Soph.....		
	{Nurse.....		Farmington.....	St. Francois.
Vaughan, Chauncey Joseph.....	Arts.....	Fr.....	Linn.....	Osage.
Vaughan, E. Paul.....	Arts.....	Fr.....	Urbana.....	Dallas.
Vaughan, Orville C.....	Agr.....	N. C.....	St. Louis.....	
Vaughn, Charles H.....	Law.....	Spec.....	Mexico.....	Audrain.
Vaughn Jesse Wendell.....	Arts.....	Soph.....	Mexico.....	Audrain.
Vaughn, Nellie Gray.....	Arts.....	Fr.....	Mexico.....	Audrain.
Vellner, Marguerite R.....	Arts.....	Soph.....	St. Louis.....	
Venable, Mary Frank.....	Arts.....	Fr.....	Columbia.....	Boone.
Vencill, Ellis C.....	Arts.....	Soph.....	Galt.....	Grundy.
Verzosa, Paul Rodriguez.....	Jour.....	1st Yr.....	St. Louis.....	
Vesser, Frank.....	Agr.....	Fr.....	Columbia.....	Boone.
Vick, Harry Elias, A. M. (Cornell Univ.).....	Grad.....		Columbia.....	Boone.
Vickers, Stuart T.....	Eng.....	Fr.....	Kirkwood.....	St. Louis.
Vickrey, Theodore Sessinghaus.....	{Arts.....	Sr.....		
	{B. & P. A.....	2nd Yr.....	St. Louis.....	
Viles, Jonas, Jr.....	Arts.....	Soph.....	Columbia.....	Boone.
Vilkas, Peter.....	Eng.....	Sr.....	Kupiski, Lithuania.....	
Vincent, John Lee, B. S. in Ed.....	Grad.....		Savannah.....	Andrew.
Vinson, Grace Esther, B. S. in Ed.....	Arts.....	Sr.....	Webb City.....	Jasper.
Vinyard, John Howard.....	Eng.....	Sr.....	Pevely.....	Jefferson.
Virgin, Hattie Price.....	Educ.....	Spec.....	Salisbury.....	Chariton.
Vizard, Gorden A.....	Jour.....	1st Yr.....	Pleasant Mills, Ind.....	
Vogel, Abram.....	Arts.....	Fr.....	New York, N. Y.....	
Vogel, Henry S.....	Eng.....	Jr.....	Grant City.....	Worth.
Vogelgesang, Albert M.....	Agr.....	N. C.....	Kirkwood.....	St. Louis.
Vogt, Ethel Edith.....	Arts.....	Fr.....	Fergusson.....	St. Louis.
Vogt, Robert Julius.....	Eng.....	Soph.....	Fergusson.....	St. Louis.
Vonderschmidt, Lester Allen.....	Arts.....	Fr.....	Craig.....	Holt.
Von Greppe, Zella.....	Arts.....	Fr.....	Iberia.....	Miller.
Von Hoffmann, Bernard.....	{Arts.....	Sr.....		
	{B. & P. A.....	2nd Yr.....	St. Louis.....	
Von Thun, Virginia.....	Arts.....	Fr.....	Shelbyville.....	Shelby.
Voss, Cosema.....	Arts.....	Spec.....	St. James, Minn.....	
Voss, Evelyn C.....	Arts.....	Sr.....	St. James, Minn.....	
Voss, George L.....	Arts.....	Fr.....	St. Joseph.....	Buchanan.
Vossbrink, John Henry.....	Arts.....	Fr.....	Union.....	Franklin.
Vossbrink, Meta Wilhelmina.....	Educ.....	1st Yr.....	Union.....	Franklin.
Votaw, Bryan Alonzo.....	Agr.....	Sr.....	Columbia.....	Boone.
Votaw, L. D., B. S. in Ed.....	Grad.....		Columbia.....	Boone.
Votaw, Maurice Eldred, B. J.....	Grad.....		Columbia.....	Boone.
Votaw, James Clarence.....	Arts.....	Fr.....	Kirkwood.....	St. Louis.
Wackher, Leslie William.....	Eng.....	Sr.....	Sedalia.....	Pettis.
Waddell, Gerald Needham.....	Eng.....	Sr.....	Kansas City.....	Jackson.
Waddell, Robert Douglas.....	Agr.....	Soph.....	Kansas City.....	Jackson.
Wade, Ashley Brookshier.....	B. & P. A.....	2nd Yr.....	Locksprings.....	Daviess.
Wade, Barnum Benson.....	Agr.....	Sr.....	Republic.....	Greene.
Wade, Leila Alice.....	Jour.....	Spec.....	Republic.....	Greene.
Wade, Verne Elizabeth.....	Arts.....	Fr.....	Jameson.....	Daviess.
Wade, William Glenn.....	Agr.....	Soph.....	Fillmore.....	Andrew.
Waers, Gertrude C.....	Educ.....	1st Yr.....	Plattsburg.....	Clinton.
Waggener, Flotie.....	Educ.....	2nd Yr.....	Plattin.....	Jefferson.
Wagner, Clay S.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Wagner, Cyrl.....	Arts.....	Fr.....	Cordell, Okla.....	
Wagner, Harry.....	Agr.....	N. C.....	St. Louis.....	
Wainscott, Lotcher F.....	Agr.....	Sr.....	Callao.....	Macon.

Name	Division	Class	Postoffice	County
Wait, Albert H. ....	{Arts. ....	Sr. ....	Kansas City. ....	Jackson.
Wait, Corry Bennett. ....	{Eng. ....	Sr. ....	Columbia. ....	Boone.
Wait, Mrs. Eleanor Comber, A. B. ....	Arts. ....	Spec. ....	Columbia. ....	Boone.
Waite, Victor Colburn. ....	Educ. ....	2nd Yr. ....	Dewey, Okla. ....	Andrew.
Wakefield, Ethel. ....	Arts. ....	Soph. ....	Savannah. ....	Jackson.
Wakefield, Frank Horton. ....	{Arts. ....	Sr. ....	Kansas City. ....	Andrew.
Wakefield, J. Gordon. ....	{Med. ....	2nd Yr. ....	Savannah. ....	Randolph.
Walden, George W. ....	Arts. ....	Soph. ....	Moberly. ....	C. Girardeau
Walker, Amy Nell. ....	Arts. ....	Sr. ....	Oak Ridge. ....	Jasper.
Walker, Geraldine Margaret. ....	Arts. ....	Fr. ....	Pollock, La. ....	Franklin.
Walker, Grover Dean. ....	Agr. ....	N. C. ....	Joplin. ....	Miller.
Walker, Jack B. ....	B. & P. A. ....	1st Yr. ....	Pawhuska, Okla. ....	Bates.
Walker, Jake Lee. ....	Arts. ....	Soph. ....	Union. ....	Butler.
Walker, John Standlee. ....	Arts. ....	Fr. ....	Eldon. ....	Marion.
Walker, Kirkley Alexander. ....	Arts. ....	Jr. ....	Butler. ....	Linn.
Walker, Mildred. ....	Arts. ....	Fr. ....	Poplar Bluff. ....	
Walker, Mildred Eudora. ....	Arts. ....	Fr. ....	Hannibal. ....	
Walker, Ruby. ....	Educ. ....	2nd Yr. ....	Laclede. ....	
Walker, William Bradford, B. S. (S. W. State Teachers College). ....	Grad. ....		Grove Spring. ....	Wright.
Walker, Willard Hall, Jr. ....	Arts. ....	Spec. ....	Smithville. ....	Clay.
Wallace, Alda. ....	Arts. ....	Soph. ....	Brookfield. ....	Linn.
Wallace, Fay. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Wallace, Gladys Louise. ....	Arts. ....	Spec. ....	Columbia. ....	Boone.
Wallace, John Emery. ....	Agr. ....	Jr. ....	Kansas City. ....	Jackson.
Wallace, John F. ....	Eng. ....	Soph. ....	Maryville. ....	Nodaway.
Wallace, Melvin B. ....	Law. ....	3rd Yr. ....	Columbia. ....	Boone.
Wallace, Sheldon T. ....	Arts. ....	Fr. ....	Sedalia. ....	Pettis.
Waller, Vinnie Elizabeth. ....	Jour. ....	Spec. ....	Columbia. ....	Boone.
Wallis, Viola Marie. ....	Arts. ....	Fr. ....	Pilot Grove. ....	Cooper.
Walsh, John Richard. ....	Agr. ....	Fr. ....	Pittsfield, Ill. ....	
Walt, Asa Bartlett. ....	Agr. ....	Fr. ....	Columbia. ....	Boone.
Walt, Claude Herbert. ....	Eng. ....	Fr. ....	Thayer, Kan. ....	
Walter, Henry. ....	Agr. ....	Fr. ....	Columbia. ....	Boone.
Walter, Ruth Elizabeth. ....	Arts. ....	Fr. ....	Moberly. ....	Randolph.
Walter, Stephen Morris. ....	Jour. ....	Spec. ....	Moberly. ....	Randolph.
Walter, Zachary Taylor. ....	Arts. ....	Soph. ....	Columbia. ....	Boone.
Walters, Artie Tullock. ....	Arts. ....	Soph. ....	St. Louis. ....	
Walton, Ralph W., A. B. ....	Eng. ....	Sr. ....	Armstrong. ....	Howard.
Walton, Ruth. ....	Arts. ....	Fr. ....	Walker. ....	Vernon.
Waltz, Frances Lionberger. ....	Educ. ....	1st Yr. ....	Boonville. ....	Cooper.
Wamsley, Helen Wilber. ....	{Arts. ....	Sr. ....	Maryville. ....	Nodaway.
Ward, Clara Helen. ....	{Educ. ....	1st Yr. ....	Columbia. ....	Boone.
Ward, Francis Paul. ....	Arts. ....	Fr. ....	Blairstown. ....	Henry.
Ward, John Thaddeus. ....	Agr. ....	Spec. ....	Richmond. ....	Ray.
Wardell, Thomas Eskridge. ....	Arts. ....	Fr. ....	Macon. ....	Macon.
Warden, Ida Belle. ....	Arts. ....	Soph. ....	Trenton. ....	Grundy.
Warden, Joseph G. ....	Agr. ....	N. C. ....	Granite City, Ill. ....	
Ware, Catherine M. ....	Jour. ....	2nd Yr. ....	Columbia. ....	Boone.
Ware, Nellie G. ....	Eng. ....	Fr. ....	Fredericktown. ....	Madison.
Warman, Rolan Ray. ....	Eng. ....	Fr. ....	Independence. ....	Jackson.
Warnecke, Theo. F. ....	Agr. ....	S. C. ....	Breese, Ill. ....	
Warnock, Dwain M. ....	Arts. ....	Spec. ....	Kansas City. ....	Jackson.
Warnock, Oscar W. ....	Arts. ....	Spec. ....	Kansas City. ....	Jackson.
Warren, Barbara. ....	Arts. ....	Soph. ....	Columbia. ....	Boone.
Warren, Charles F., B. S. (Va. Polytechnic Inst.) ....	Grad. ....		Caruthersville. ....	Pemiscot.
Warren, Donald Stuart. ....	Jour. ....	1st Yr. ....	Kansas City. ....	Jackson.
Warren, Dorothea. ....	Educ. ....	2nd Yr. ....	Columbia. ....	Boone.
Warren, Gladys Louise. ....	Arts. ....	Spec. ....	Meadville. ....	Linn.
Warren, James Flemming. ....	Arts. ....	Fr. ....	Cardwell. ....	Dunklin.
Warren, Joe Bailey. ....	Agr. ....	Fr. ....	Kansas City. ....	Jackson.
Warren, Mary Elizabeth. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Warren, Ruth Pauline, B. S. in Ed. ....	Jour. ....	2nd Yr. ....	Greenfield. ....	Dade.
Warren, Mrs. Walter. ....	Agr. ....	Spec. ....	Columbia. ....	Boone.
Warren, Winfred, A. B. ....	Educ. ....	2nd Yr. ....	Columbia. ....	Boone.
Warrick, Dupuy Goza. ....	Law. ....	2nd Yr. ....	Kansas City. ....	Jackson.
Wassmer, Margaret Louise. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Wasson, Mary Lois. ....	Arts. ....	Fr. ....	Ozark. ....	Christian.
Watada, Umemasu. ....	{Agr. ....	Sr. ....		
Waterman, James Henry. ....	{Arts. ....	Jr. ....	Sihul, Hawaii. ....	
Waters, Henry Jackson, Jr. ....	Eng. ....	Fr. ....	Breckenridge. ....	Caldwell.
Waters, Lou Ella. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Waters, Ralph Morgan. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Waters, Richard Eugene. ....	Eng. ....	Fr. ....	Columbia. ....	Boone.
Waters, Ruth Holivy. ....	Agr. ....	Spec. ....	Columbia. ....	Boone.
Waters, Thomas. ....	Educ. ....	Spec. ....	Columbia. ....	Boone.
Wathan, Edward George. ....	Agr. ....	Fr. ....	Columbia. ....	Boone.
	Arts. ....	Fr. ....	Kansas City. ....	Jackson.



Name	Division	Class	Postoffice	County
Watkins, Alexander Maitland.	Arts. ....	Jr. ....	Richmond. ....	Ray.
Watkins, Ralph Knupp, B. S. in Ed., A. M. ....	Grad. ....	.....	Columbia. ....	Boone.
Watkins, Ralph Nelson. ....	Arts. ....	Jr. ....	Milford, Mich. ....	Boone.
Watkins, Toby. ....	Agr. ....	S. C. ....	Vanduser. ....	Scott.
Watkins, Virginia Judson. ....	Jour. ....	1st Yr. ....	Lawson. ....	Ray.
Watkins, W. B. Kyle. ....	Eng. ....	Soph. ....	Clarksburg. ....	Moniteau.
Watson, Alice Ruth. ....	Arts. ....	Spec. ....	Flat River. ....	St. Francois.
Watson, Charles John. ....	Eng. ....	Fr. ....	New London. ....	Ralls.
Watson, Harry Raymond. ....	Eng. ....	Sr. ....	Pilot Grove. ....	Cooper.
Watson, Helen A. ....	Arts. ....	Jr. ....	St. Louis. ....	.....
Watson, Ila Myrtle. ....	Arts. ....	Fr. ....	Columbia. ....	Boone.
Watters, Lorraine DeEarden. ....	Jour. ....	1st Yr. ....	Columbia. ....	Boone.
Watts, Donald Gordon. ....	Law. ....	1st Yr. ....	Kansas City. ....	Jackson.
Watts, Gladys Rayne. ....	Arts. ....	Soph. ....	Nevada. ....	Vernon.
Waugh, Charles S. ....	Arts. ....	Fr. ....	St. Louis. ....	.....
Waugh, George W. ....	B. & P. A. ....	1st Yr. ....	St. Louis. ....	.....
Waughtal, Leonidas V. ....	Arts. ....	Soph. ....	Granby. ....	Newton.
Way, Margaret Isabella. ....	Educ. ....	2nd Yr. ....	Webster Groves. ....	St. Louis.
Weakley, Emmett C. ....	Educ. ....	1st Yr. ....	Gower. ....	Clinton.
Weakley, Katie Elizabeth. ....	Arts. ....	Spec. ....	Gower. ....	Clinton.
Weant, Sam A. ....	Eng. ....	N. C. ....	Gower. ....	Clinton.
Wease, Elsie Anna. ....	Arts. ....	Fr. ....	DeSoto. ....	Jefferson.
Webb, J. Cedric. ....	Agr. ....	Soph. ....	Edgar Springs. ....	Phelps.
Webb, James Ewing. ....	Arts. ....	Soph. ....	Buckner. ....	Jackson.
Webb, Katherine L. ....	Arts. ....	Fr. ....	St. Louis. ....	.....
Webb, Wilbur Glenn. ....	(B. & P. A. ....	Spec. ....	.....	.....
.....	Jour. ....	Spec. ....	Joplin. ....	Jasper.
Weber, Edwin Gerhard. ....	Jour. ....	Spec. ....	St. Louis. ....	.....
Weber, Frederick Richard. ....	Law. ....	4th Yr. ....	Kansas City. ....	Jackson.
Weber, Louis M. ....	Eng. ....	Fr. ....	St. Louis. ....	.....
Weber, Otto L. ....	B. & P. A. ....	2nd Yr. ....	Kansas City. ....	Jackson.
Weber, Victor S. ....	Law. ....	3rd Yr. ....	Kansas City. ....	Jackson.
Webster, Mary Chaddock. ....	Arts. ....	Soph. ....	Kirkwood. ....	St. Louis.
Wedemeyer, Carl Theodore. ....	Arts. ....	Fr. ....	Webster Groves. ....	St. Louis.
Weedfall, Ruth Henrietta. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Weeks, Alice Elizabeth. ....	Jour. ....	2nd Yr. ....	St. Louis. ....	.....
Weeks, Bert. ....	Agr. ....	N. C. ....	.....	.....
Weeks, Catherine L. Baker. ....	Educ. ....	2nd Yr. ....	Holden. ....	Johnson.
Weeks, Roy Vernie. ....	Agr. ....	N. C. ....	Kansas City. ....	Jackson.
Wegner, John C. ....	Arts. ....	Soph. ....	Lockwood. ....	Dade.
Well, Arthur Theodore. ....	Jour. ....	1st Yr. ....	Toronto, Canada. ....	.....
Well, Cordelia Dobyns. ....	Arts. ....	Fr. ....	St. Louis. ....	.....
Weiner, Joseph Lieb, L. L. B. ....	Arts. ....	Sr. ....	St. Joseph. ....	Buchanan.
Weissenborn, Marie Rosalie. ....	Arts. ....	Fr. ....	St. Louis. ....	.....
Weisser, Ralph Edward. ....	Arts. ....	Fr. ....	California. ....	Moniteau.
Welborn, John Franklin. ....	Arts. ....	Fr. ....	Peculiar. ....	Cass.
Welch, Helen E. ....	Arts. ....	Fr. ....	Rich Hill. ....	Bates.
Welch, Norvin Herold. ....	Eng. ....	Sr. ....	Joplin. ....	Jasper.
Weldy, Verdie Allen. ....	Arts. ....	Fr. ....	Vandalia. ....	Audrain.
Welker, Grace D. ....	Educ. ....	1st Yr. ....	King City. ....	Gentry.
Weller, George Robert. ....	Eng. ....	Fr. ....	Pattonsburg. ....	Daviess.
Welles, Mary Elizabeth. ....	Educ. ....	1st Yr. ....	St. Joseph. ....	Buchanan.
Welling, Raymond A. ....	Eng. ....	Fr. ....	Warrensburg. ....	Johnson.
Wells, Frederick Vorace. ....	(Arts. ....	Sr. ....	.....	.....
.....	Law. ....	2nd Yr. ....	Farmington. ....	St. Francois.
Wells, John Edward, Jr. ....	Eng. ....	Soph. ....	Jefferson City. ....	Cole.
Wells, Joseph Brady, Jr. ....	Jour. ....	Spec. ....	Troy. ....	Lincoln.
Wells, Joshua Russell, Jr. ....	Eng. ....	Soph. ....	Jefferson City. ....	Cole.
Wells, Tom Curt. ....	Agr. ....	Sr. ....	Columbia. ....	Boone.
Wellsford, Callaway Mills, Jr. ....	Jour. ....	2nd Yr. ....	Columbia. ....	Boone.
Welsh, Florannah A. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Welsh, Lorenzo Ross. ....	Agr. ....	Jr. ....	Laclede. ....	Linn.
Walsh, Mary Leona. ....	Arts. ....	Fr. ....	Cameron. ....	Clinton.
Wendleton, John Estell. ....	Arts. ....	Sr. ....	Speed. ....	Cooper.
Wenkel, Benjamin Harrison. ....	Agr. ....	Spec. ....	Leslie. ....	Franklin.
Wentzel, Louis Robert. ....	(Arts. ....	Jr. ....	.....	.....
.....	Med. ....	1st Yr. ....	Hermann. ....	Gasconade.
Werner, Joseph Harold. ....	Arts. ....	Fr. ....	St. Louis. ....	.....
Werth, Johanna Bertha Julia. ....	Educ. ....	2nd Yr. ....	Columbia. ....	Boone.
Wertz, Dorothy Canice. ....	Arts. ....	Fr. ....	Glen Junction, Ia. ....	.....
Wertz, Harvey William. ....	Arts. ....	Soph. ....	Glen Junction, Ia. ....	.....
Weseman, Armin Jacob. ....	Agr. ....	S. C. ....	Rhineland. ....	Montgomery.
West, Ashburn Taylor. ....	Eng. ....	Fr. ....	Keytesville. ....	Chariton.
West, George. ....	Eng. ....	Fr. ....	Keytesville. ....	Chariton.
West, Harry. ....	Agr. ....	S. C. ....	Ash Grove. ....	Greene.
West, Kenneth. ....	Agr. ....	S. C. ....	Ash Grove. ....	Greene.
West, La Mont. ....	Arts. ....	Sr. ....	Southwest City. ....	McDonald.
West, Mrs. Lona. ....	Jour. ....	Spec. ....	St. Louis. ....	.....
West, Robert Jewell. ....	Agr. ....	Fr. ....	Elvins. ....	St. Francois.
Westbay, Harry Herron, Jr. ....	Arts. ....	Jr. ....	Monett. ....	Barry.
Westerman, Beatrice. ....	Arts. ....	Soph. ....	Fredericktown. ....	Madison.
Westerman, Beulah Dorothea, B. S. in Ed. ....	Arts. ....	Sr. ....	Fredericktown. ....	Madison.
Westerman, Blanche. ....	Jour. ....	2nd Yr. ....	Fredericktown. ....	Madison.



Name	Division	Class	Postoffice	County
Westing, Albert Joseph.....	Jour.....	Spec.....	St. Louis.....	
Wetherell, Betty.....	Educ.....	2nd Yr.....	Carthage.....	Jasper.
Wetherell, Robert Charles.....	Agr.....	Soph.....	Carthage.....	Jasper.
Wetmore, Frances.....	Arts.....	Fr.....	Harris.....	Monroe.
Wettendorf, Mrs. Joseph Albert.....	Arts.....	Spec.....	Columbia.....	Boone.
Wetzel, Loren O.....	Eng.....	Fr.....	Braymer.....	Caldwell.
Wetzel, Lynn K.....	Arts.....	Soph.....	Kansas City.....	Jackson.
Wetzel, Marjorie.....	Educ.....	2nd Yr.....	Greenfield.....	Dade.
Wetzel, Rolla Becker.....	Arts.....	Jr.....	Clayton.....	St. Louis.
Whaley, David S.....	Eng.....	Fr.....	Humphreys.....	Sullivan.
Whaley, Frank Mason.....	Eng.....	Fr.....	Greenfield.....	Dade.
Whaley, Ruth Mildred.....	Arts.....	Jr.....	Kahoka.....	Clark.
Whaley, Thelma Martha.....	Arts.....	Fr.....	Webster Groves.....	St. Louis.
Wharton, Chester Deward.....	Agr.....	Fr.....	Hickory.....	Grundy.
Wharton, Dwight Jackson.....	{Med.....	2nd Yr.....		
	{Grad.....		Sturgeon.....	Boone.
Wheat, Eula Penn.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Wheat, Frank Hall.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Wheeler, Charles Wickliffe.....	Arts.....	Fr.....	Riverton, Wyo.....	
Wheeler, Herbert Robertson.....	B. & P. A.....	1st Yr.....	Joplin.....	Jasper.
Wheeler, Ross Charles, B. S. in Agr.....	Educ.....	1st Yr.....	Bethany.....	Harrison.
Wheeler, William Carrell.....	Eng.....	Sr.....	Sedalia.....	Pettis.
Whetton, Virginia Thompson.....	Arts.....	Soph.....	St. Louis.....	
Whitaker, Mrs. Benta Viola.....	Agr.....	S. C.....	Columbia.....	Boone.
Whitaker, Lewis Stanley.....	Jour.....	2nd Yr.....	Columbia.....	Boone.
Whitbread, Elliott Mudge.....	Arts.....	Soph.....	St. Louis.....	
Whitcomb, Donald L.....	Arts.....	Jr.....	Kansas City.....	Jackson.
Whitcomb, Fred F.....	Arts.....	Soph.....	Kansas City.....	Jackson.
White, Charles Maynard.....	Agr.....	Fr.....	Tipton.....	Moniteau.
White, Donald Wheeler.....	Eng.....	Sr.....	Versailles.....	Morgan.
White, Elizabeth Farmer.....	Arts.....	Fr.....	Flat River.....	St. Francois.
White, Harry Allen, A. B.....	{Med.....	2nd Yr.....		
	{Grad.....		Centralia.....	Boone.
White, Hester Virginia.....	Educ.....	2nd Yr.....	Flat River.....	St. Francois.
White, Jesse Waydelich.....	{Med.....	2nd Yr.....		
	{Arts.....		Columbia.....	Boone.
White, John Franklin.....	Arts.....	Fr.....	Greenfield.....	Dade.
White, Jules H.....	Eng.....	N. C.....		
White, Katherine.....	Arts.....	Fr.....	Montgomery City.....	Montgomery.
White, Kathleen Mary.....	Educ.....	Spec.....	Butler.....	Bates.
White, Leslie E.....	Agr.....	N. C.....	Bloomington, Ill.....	
White, Leslie Snow.....	Agr.....	N. C.....	Bogard.....	Carroll.
White, Modelle Elsea.....	Arts.....	Sr.....	Columbia.....	Boone.
White, Richard Miller.....	Law.....	1st Yr.....	South Bend, Ind.....	
White, Rosebud.....	Educ.....	1st Yr.....	Wellsville.....	Montgomery.
White, Ruth Blanche.....	Arts.....	Jr.....	Clarence.....	Shelby.
White, Stonewall Jackson, Jr.....	Agr.....	Soph.....	Malta Bend.....	Saline.
White, Thorwald Bartimus.....	Eng.....	Soph.....	Harris.....	Sullivan.
White, Virginia Batie.....	Educ.....	1st Yr.....	Montgomery City.....	Montgomery.
White, William P.....	Arts.....	Fr.....	Carrollton.....	Carroll.
Whitehead, Murry Nanson.....	Jour.....	2nd Yr.....	Kimmswick.....	Jefferson.
Whitener, Mirl, A. B. (Okla. Baptist University).....	Grad.....		McAlester, Okla.....	
Whitener, Paul Rowland, A. B.....	{Med.....	2nd Yr.....		
	{Grad.....		Fredericktown.....	Madison.
Whitesell, Hunter.....	Agr.....	Jr.....	Union City, Tenn.....	
Whiteside, Eunice Ellen.....	Jour.....	1st Yr.....	Kalispell, Mont.....	
Whiteside, John Veach.....	Arts.....	Fr.....	Bowling Green.....	Pike.
Whiteside, Virginia.....	Educ.....	Spec.....	Fayette.....	Howard.
Whitlow, Blanche.....	Arts.....	Soph.....	Fulton.....	Callaway.
Whitlow, Celia May.....	Educ.....	2nd Yr.....	Fulton.....	Callaway.
Whitmarsh, Zelle Marion.....	Arts.....	Sr.....	Texarkana, Ark.....	
Whitsett, John Wilber.....	Arts.....	Soph.....	Odessa.....	Lafayette.
Whitson, Elmer E., Jr.....	Arts.....	Spec.....	St. Louis.....	
Whittenburg, Henry E.....	Arts.....	Soph.....	Nangua.....	
Whittier, Florence E.....	Jour.....	2nd Yr.....	Boston, Mass.....	
Wickman, Robert H.....	Eng.....	Fr.....	Webster Groves.....	St. Louis.
Wieda, George August.....	Arts.....	Sr.....	Kansas City.....	Jackson.
Wiedmer, Alice.....	Arts.....	Sr.....	St. Louis.....	
Wiegand, Wilber H.....	Arts.....	Soph.....	St. Louis.....	
Wiegenstein, J. J.....	Agr.....	S. C.....	Fredericktown.....	Madison.
Wiel, Noel Maxwell.....	Arts.....	Sr.....	St. Joseph.....	Buchanan.
Wieland, Edna May.....	Arts.....	Fr.....	Rolla.....	Pheips.
Wigbels, Annie Belle.....	Arts.....	Soph.....	Lexington.....	Lafayette.
Wiggans, Clifflie Barnes.....	Agr.....	Sr.....	Columbia.....	Boone.
Wiggans, Charles Theodore, Jr.....	Arts.....	Fr.....	Kansas City.....	Jackson.
Wiggins, Raymond Eugene.....	Arts.....	Fr.....	Carthage.....	Jasper.
Wight, Amos Harding.....	Arts.....	Fr.....	Nevada.....	Vernon.
Wight, James Augustine.....	Agr.....	Sr.....	Moberly.....	Randolph.
Wilcox, Frances Miner.....	Jour.....	1st Yr.....	Hannibal.....	Marion.
Wilcox, Fred A.....	Arts.....	Fr.....	Hannibal.....	Marion.

Name	Division	Class	Postoffice	County
Wild, Mildred Katherine...	Agr. ....	Soph. ....	Warrenton .....	Warren.
Wild, William Teddy .....	Arts. ....	Fr. ....	Spickard .....	Grundy.
Wiley, Max R. ....	Eng. ....	Jr. ....	Joplin .....	Jasper..
Wiley, William M. ....	Eng. ....	Soph. ....	Jefferson City .....	Cole.
Wilhite, Alice Marguerite .....	Arts. ....	Fr. ....	Greencastle .....	Sullivan.
Wilhite, Alma Elizabeth .....	Educ. ....	Spec. ....	Columbia .....	Boone.
Wilhite, Grace .....	Arts. ....	Fr. ....	Columbia .....	Boone.
Wilhite, Hollis Spencer .....	Arts. ....	Soph. ....	Salisbury .....	Chariton.
Wilhite, Lady Alice .....	Educ. ....	Spec. ....	Columbia .....	Boone.
Wilhite, Roy Arthur .....	Eng. ....	Fr. ....	Columbia .....	Boone.
Wilkerson, Frank .....	Agr. ....	S. C. ....	Kearney .....	Clay.
Wilkerson, H. Clifton .....	Arts. ....	Spec. ....	Nevada .....	Vernon.
Wilkerson, Margaret Clayton .....	Arts. ....	Soph. ....	Fulton .....	Callaway.
Wilkerson, Marvin J. ....	Arts. ....	Sr. ....	Campbell Hill, Ill. ....	
Wilkerson, Nellie .....	Arts. ....	Fr. ....	Paris .....	Monroe.
Wilkerson, William Jesse .....	Agr. ....	Fr. ....	Mokane .....	Callaway.
Wilkins, Fletcher Conaway .....	Agr. ....	Sr. ....	Rolla .....	Phelps.
Wilkins, Helen Gayzena .....	Arts. ....	Sr. ....	Mexico .....	Audrain.
Wilkinson, Edward Buxton .....	Law .....	4th Yr. ....	Quincy, Ill. ....	
Wilkinson, Willard Francis .....	B. & P. A. ....	2nd Yr. ....	Stewartsville .....	DeKalb.
Willbrand, Julius Bode .....	B. & P. A. ....	2nd Yr. ....	St. Charles .....	St. Charles.
Willey, Corona Oneita .....	Arts. ....	Jr. ....	Kansas City .....	Jackson.
Willhite, Bennett Orr .....	Arts. ....	Fr. ....	Grant City .....	Worth.
Williams, Battle .....	Jour. ....	Spec. ....	Chappel Hill, N. C. ....	
Williams, Carmen Jean .....	Arts. ....	Soph. ....	Allerton, Ia. ....	
Williams, Clarence Henry .....	Agr. ....	Sr. ....	Mount Vernon .....	Lawrence.
Williams, Claude R. ....	Agr. ....	N. C. ....	Enon .....	Moniteau.
Williams, D. E. ....	Arts. ....	Fr. ....	Maryville .....	Nodaway.
Williams, Eugene .....	Arts. ....	Fr. ....	Malden .....	Dunklin.
Williams, Fla A. ....	Arts. ....	Fr. ....	Carrollton .....	Carroll.
Williams, Frank E. ....	Agr. ....	N. C. ....	Charleston .....	Mississippi.
Williams, George Harvey .....	Arts. ....	Fr. ....	Farmington .....	St. Francois.
Williams, George Lee .....	Arts. ....	Sr. ....	Kansas City .....	Jackson.
Williams, George W. ....	Arts. ....	Fr. ....	Chillicothe .....	Livingston.
Williams, Harry Wilson .....	Grad. ....		Pleasant Hill .....	Cass.
Williams, Mrs. Helen Davault.				
A. B. ....	Grad. ....		Columbia .....	Boone.
Williams, Henry G. ....	Agr. ....	S. C. ....	Barnett .....	Morgan.
Williams, Homer Fielding .....		Soph. ....	Albany .....	Gentry.
Williams, James .....	Agr. ....	S. C. ....	Cleaver .....	Christian.
Williams, James Steele, A. B. ....	Grad. ....		Butler .....	Bates.
Williams, Joseph Berryhill .....	Arts. ....	Fr. ....	Carrollton .....	Carroll.
Williams, Juliette .....	Arts. ....	Fr. ....	Kansas City .....	Jackson.
Williams, Lorin Homer .....	Eng. ....	Soph. ....	Albany .....	Gentry.
Williams, Lyman Dewey .....	Arts. ....	Soph. ....	Jackson .....	C. Girardeau.
Williams, Marion Elizabeth .....	Arts. ....	Fr. ....	Columbia .....	Boone.
Williams, Mary E. ....	Arts. ....	Fr. ....	Pleasant Hill .....	Cass.
Williams, Orville D. ....	Jour. ....	2nd Yr. ....	Vandalia .....	Audrain.
Williams, Paul A. ....	Eng. ....	Fr. ....	Appleton City .....	St. Clair.
Williams, Powell H. ....	Arts. ....	Sr. ....	Kansas City .....	Jackson.
Williams, Robert E. ....	Eng. ....	Fr. ....	Hoxie, Ark. ....	
Williams, Robert Marion .....	Arts. ....	Jr. ....	Morrilton, Ark. ....	
Williams, Roger Stearns .....	Arts. ....	Jr. ....		
	(B. & P. A. ....	1st Yr. ....	Nevada .....	Vernon.
Williams, Roy G., A. B. ....	(Med. ....	2nd Yr. ....		
	(Grad. ....			
Williams, Ruth .....	Arts. ....	Sr. ....	LaPlata .....	Macon.
Williams, Walter Edwin .....	B. & P. A. ....	2nd Yr. ....	Plattsburg .....	Clinton.
Williams, Wilhella .....	Arts. ....	Spec. ....	Butler .....	Bates.
Williamson, Albytene .....	Arts. ....	Fr. ....	Armstrong .....	Howard.
Williamson, Charles T. ....	Arts. ....	Fr. ....	Fulton .....	Callaway.
Williamson, John Sam. ....	Arts. ....	Fr. ....	Columbia .....	Boone.
Willis, Carroll Matthews Bird .....	Arts. ....	Fr. ....	Columbia .....	Boone.
Willis, Colman .....	Arts. ....	Jr. ....	Kansas City .....	Jackson.
Willis, Edward S., Jr. ....	Eng. ....	Fr. ....	Platte City .....	Platte.
Willis, Robert Adams .....	Agr. ....	Jr. ....	Lone Jack .....	Jackson.
Willis, Thomas Flourney .....	Eng. ....	Fr. ....	Sedalia .....	Pettis.
Willis, Walter .....	Eng. ....	Sr. ....	Kansas City .....	Jackson.
Wilson, Mrs. Anna Mae .....	Arts. ....	Fr. ....	Hale .....	Carroll.
Wilson, Blakemore .....	Arts. ....	Spec. ....	Rolla .....	Phelps.
Wilson, C. Avery .....	Eng. ....	Fr. ....	St. Louis .....	
Wilson, Charles Edward .....	Agr. ....	Fr. ....	Bosworth .....	Carroll.
Wilson, Donald .....	Arts. ....	Fr. ....	Greenfield, Tenn. ....	
Wilson, Dorothy, B. S. in Ed. ....	Eng. ....	Jr. ....	Monroe City .....	Monroe.
Wilson, Edith Josephine .....	Arts. ....	Sr. ....	Columbia .....	Boone.
Wilson, Frankie Drais .....	Arts. ....	Fr. ....	Rush Center, Kan. ....	
Wilson, Ina Elizabeth .....	Educ. ....	2nd Yr. ....	Dearborn .....	Platte.
Wilson, James Venable .....	Arts. ....	Soph. ....	Quincy, Ill. ....	
Wilson, Jay B. ....	Agr. ....	S. C. ....	O'Fallon .....	St. Charles.
Wilson, John Everett .....	Law .....	Spec. ....	Edgerton .....	Platte.
Wilson, John Mauritz .....	Agr. ....	Fr. ....	Greenfield .....	Dade.
Wilson, Katherine Frances .....	Agr. ....	Spec. ....	Richland .....	Camden.
Wilson, Mrs. Lillie Belle .....	Educ. ....	Spec. ....	Montrose .....	Henry.
Wilson, Lucille Barbara .....	Arts. ....	Spec. ....	Edgerton .....	Platte.
Wilson, Lyle Campbell .....	Arts. ....	Sr. ....	California .....	Moniteau.
	Jour. ....	Spec. ....	Oklahoma City, Okla. ....	



Name	Division	Class	Postoffice	County
Wilson, M. Louise	Jour.	2nd Yr.	St. Louis	Jackson.
Wilson, Mabel	Arts.	Soph.	Kansas City	St. Charles.
Wilson, Martha Agnes	Educ.	2nd Yr.	St. Charles	
Wilson, Milas K.	Eng.	Soph.	Sherman, Texas	
Wilson, Russell E., B. S. in Agr.	Agr.	Spec.	Bosworth	Carroll.
Wilson, Ray A.	Eng.	Fr.	Lebanon	Laclede.
Wilson, Vincent Berchman	Arts.	Fr.	Monett	Barry.
Wilson, Wallace W.	Agr.	S. C.	Henrietta	Ray.
Winans, Edwin Orlando	Eng.	Sr.	Mexico	Audrain.
Winburn, Byrd	Educ.	Spec.	Lees Summit	Jackson.
Windler, Ray	Eng.	Soph.	Barnett	Morgan.
Windsor, Naomi Evelyn	Educ.	2nd Yr.	Wellsville	Montgomery.
Winfrey, Noah Ernest, A. B. (William Jewell College)	Grad.		Steelville	Crawford.
Winget, Georgia	Arts.	Fr.	Sapulpa, Okla.	
Winkelman, Bernard	Agr.	S. C.	Wardsville	Cole.
Winkler, Arthur Gregory	Eng.	Jr.	Hannibal	Marion.
Winn, Jessie Pearl	Arts.	Fr.	Columbia	Boone.
Winston, Mayme	Educ.	Spec.	Nevada	Vernon.
Winston, W. Dean	Agr.	S. C.	Knobnoster	Pettis.
Winston, Wayne	Agr.	S. C.	Knobnoster	Pettis.
Winters, Maude Olivia	Arts.	Fr.	Clinton	Henry.
Wirtel, Arthur Frank	Eng.	Fr.	St. Louis	
Wisdom, Francis Congrave	Agr.	Spec.	St. Catherine	Linn.
Wisdom, George Walker, Jr.	Agr.	S. O.	Macon	Macon.
Withers, Asberry E.	Eng.	Fr.	Kansas City	Jackson.
Withers, John Edward, Jr.	Eng.	Soph.	Ft. Summer, N. M.	
Withrow, Floyd T.	Agr.	Spec.	Sedalia	Pettis.
Withrow, Jesse William	Agr.	Spec.	Columbia	Boone.
Witt, Joseph Edward	Agr.	Sr.	Memphis	Scotland.
Witt, Rowena	Arts.	Jr.	St. Joseph	Buchanan.
Witt, Truman Elbert	Eng.	Sr.	Columbia	Boone.
Witt, Mrs. Truman Elbert	Arts.	Fr.	Columbia	Boone.
Witte, Albert C.	Agr.	N. C.	Canaan	Gasconade.
Witten, Alfred H.	Agr.	Fr.	Trenton	Grundy.
Witten, Buford J.	Agr.	S. C.	Trenton	Grundy.
Witten, James McDonald	Agr.	Spec.	Trenton	Grundy.
Witten, Letha Opal	Educ.	1st Yr.	Trenton	Grundy.
Woldridge, Homer Lee	Eng.	Fr.	Trenton	Grundy.
Wolf, Caroline D.	Educ.	1st Yr.	Bonne Terre	St. Francois.
Wolf, Louis Edward	Arts.	Sr.	St. Louis	
Wolfe, Edna	Educ.	2nd Yr.	Stanberry	Gentry.
Wolfe, John C.	Agr.	Spec.	Independence	Jackson.
Wolff, Myrtle	Arts.	Soph.	New Haven	Franklin.
Wolfsohn, Joel David	Jour.	2nd Yr.	Chicago, Ill.	
Wolfson, Harry David	Arts.	Fr.	Caruthersville	Pemiscot.
Wolfson, Marion E.	Arts.	Spec.	Kansas City	Jackson.
Wollman, Jerome R.	Eng.	Soph.	Jefferson City	Cole.
Woltmann, Carl Edward	B. & P. A.	Spec.	Nokomis, Ill.	
Wood, Chalmers Rieger	Agr.	Soph.	Kansas City	Jackson.
Wood, Eleanor Duncan	Arts.	Sr.	Maysville, Ky.	
Wood, J. B.	Arts.	Fr.	Bolckow	Andrew.
Wood, Leah A.	Arts.	Fr.	Bethany	Harrison.
Wood, Lella	Arts.	Soph.	Kansas City	Jackson.
Wood, Leslie M.	Agr.	Soph.	Atlanta	Macon.
Wood, Mary Agnes	Educ.	2nd Yr.	Robertsville	Franklin.
Wood, Sara Frances	Arts.	Fr.	Hunnewell	Shelby.
Wood, Virgil A.	Eng.	Fr.	Columbia	Boone.
Woodard, Julius H.	Med.	1st Yr.	Windsor	Henry.
Woodburg, Melville A.	Jour.	2nd Yr.	Kansas City	Jackson.
Wooderson, Muriel	Arts.	Fr.	Mt. Moriah	Harrison.
Woodfill, Clifford Cole	Eng.	Fr.	Aurora	Lawrence.
Woodfill, Robert L.	Arts.	Fr.	Bolivar	Polk.
Woodfill, Susan Iola	Arts.	Soph.	Bolivar	Polk.
Woodhead, Marjorie	Jr.		Kansas City	Jackson.
Woodruff, George E.	Law	Spec.	Hutton Valley	Howell.
Woods, Emile Bryant	{Arts.	Jr.		
	{Med.	1st Yr.	Columbia	Boone.
Woods, Ernest Melvin	Arts.	Sr.	Holliday	Monroe.
Woods, Ethel	Arts.	Fr.	Smithville	Clay.
Woods, Farris Hardin	{Grad.			
	{Arts.	Spec.	Versailles	Morgan.
Woods, Fred Fowler	Eng.	Soph.	Smithville	Clay.
Woods, Helen	Arts.	Fr.	Princeton	Mercer.
Woods, Howard	Arts.	Soph.	Princeton	Mercer.
Woods, James Lorris	Eng.	Sr.	Golden City	Barton.
Woods, Joseph Guy	Agr.	Spec.	Holden	Johnson.
Woods, Leon Vance	Arts.	Fr.	Golden City	Barton.
Woods, Melville Tod	{Agr.	Soph.		
	{Eng.	1st Yr.	Gas City, Ind.	
Woods, Russell Alexander	Eng.	N. C.	Columbia	Boone.
Woodson, Karl B.	Eng.	Spec.	Midland, Ark.	
Woodson, Mildred Lee	Arts.	Jr.	Camden Point	Platte.



Name	Division	Class	Postoffice	County
Woodson, William Stuart...	Jour. ....	Spec. ...	Jefferson City. ....	Cole.
Woodward, James Kirk.	Agr. ....	Jr. ....	McFall. ....	Gentry.
Woodward, Mary Margaret.	Agr. ....	Sr. ....	LaMonte. ....	Pettis.
Woodward, Olive Blanch.	Educ. ....	Spec. ....	Cainesville. ....	Harrison.
Woodward, Ruth Ola.	Educ. ....	2nd Yr.	Cainesville. ....	Harrison.
Woodworth, Everett Atson...	(Med. ....	1st Yr.		
	(Arts. ....	Jr. ....	Columbia. ....	Boone.
Woodworth, Hubert P. ....	Agr. ....	Sr. ....	Columbia. ....	Boone.
Woodworth, Mrs. Ruth Keel-				
ing, A. B. ....	Grad. ....		Columbia. ....	Boone.
Woody, Jewell. ....	Arts. ....	(Fr. ....		
		(Nurse.	Golden City. ....	Barton
Wooley, Mrs. Jennie Lease...	Educ. ....	1st Yr.	Columbia. ....	Boone.
Workman, Harry L. ....	Arts. ....	Fr. ....	Lockwood. ....	Dade.
Wormon, James Russell.	Arts. ....	Fr. ....	Clinton. ....	Henry.
Wormhoudt, Edward Gwynne	Arts. ....	Jr. ....	Kahoka. ....	Clark.
Worrell, Mary. ....	Arts. ....	Soph. ....	Mexico. ....	Audrain.
Wortman, Helen Zene. ....	Jour. ....	1st Yr.	Malvern, Ia. ....	
Wortz, Ober Leland. ....	Arts. ....	Fr. ....	Pleasant. ....	Cass.
Wray, Hardy Anderson. ....	Law. ....	3rd Yr.	Warrensburg. ....	Johnson.
Wray, Neva Grace. ....	Arts. ....	Jr. ....	Ozark. ....	Christian.
Wray, William H. ....	Agr. ....	N. C. ....	Fredericktown. ....	Madison.
Wright, Charles Omega, A. B.	Grad. ....		Mexico. ....	Audrain.
Wright, Cleo Estel. ....	Agr. ....	Fr. ....	Savannah. ....	Andrew.
Wright, Donald P. ....	Eng. ....	Jr. ....	Joplin. ....	Jasper.
Wright, Elmo Newell. ....	Agr. ....	Spec. ....	Columbia. ....	Boone.
Wright, Estill Lunsford. ....	Agr. ....	Jr. ....	Walker. ....	Vernon.
Wright, Frank W. ....	Agr. ....	N. C. ....	Fayette. ....	Howard.
Wright, Forest Glenn. ....	Arts. ....	Fr. ....	Archie. ....	Cass.
Wright, Hilda. ....	Arts. ....	Jr. ....	Higbee. ....	Randolph.
Wright, Leonard N., A. B.				
(Westminster College)....	Grad. ....		Fulton. ....	Callaway.
Wright, Lucille. ....	Arts. ....	Fr. ....	Smithville. ....	Clay.
Wright, Marguerite. ....	Arts. ....	Soph. ....	Ft. Smith, Ark. ....	
Wright, Marian E. ....	Arts. ....	Soph. ....	Kansas City. ....	Jackson.
Wright, Mary Leonor. ....	Jour. ....	1st Yr.	Kansas City. ....	Jackson.
Wright, Nannie. ....	Educ. ....	Spec. ....	Mexico. ....	Audrain.
Wright, Ola May. ....	Arts. ....	Fr. ....	Lakenan. ....	Monroe.
Wright, Ollie Francis. ....	Agr. ....	Fr. ....	Chamois. ....	Osage.
Wright, Phoebe Louise. ....	Arts. ....	Fr. ....	Joplin. ....	Jasper.
Wright, Richard Thomas, B.				
S. in Agr. ....	Agr. ....	Spec. ....	LaBelle. ....	Lewis.
Wright, Sidney Clarence. ....	Arts. ....	Fr. ....	Bay City, Texas. ....	
Wright, Tennyson Clay. ....	Educ. ....	2nd Yr.	Tuscumbia. ....	Miller.
Wright, William Vernon. ....	Arts. ....	Soph. ....	Kennett. ....	Dunklin.
Wulfmeyer, Fred W. ....	Agr. ....	Fr. ....	St. Louis. ....	
Wurdack, Paul I. ....	Eng. ....	Fr. ....	Overland. ....	St. Louis.
Wyant, Florence Stephens. ....	Arts. ....	Fr. ....	Bunceton. ....	Cooper.
Wyant, Emily Kathryn, B. S.				
in Ed. ....	Grad. ....		Bolivar. ....	Polk.
Wyant, Kenneth D. ....	Arts. ....	Fr. ....	Bolivar. ....	Polk.
Wyatt, Donald D. ....	Arts. ....	Soph. ....	St. Joseph. ....	Buchanan.
Wyatt, Ella Minerva. ....	Jour. ....	2nd Yr.	Ft. Smith, Ark. ....	
Wyatt, Harry E., Jr. ....	Arts. ....	Fr. ....	St. Joseph. ....	Buchanan.
Wyatt, Morris E. ....	Agr. ....	S. C. ....	Helena. ....	DeKalb.
Wyatt, Virgil Andrew. ....	Arts. ....	Soph. ....	Salt Lake City, U. ....	
Wyeth, Arthur Richardson. ....	(Arts. ....	Soph. ....		
	(Jour. ....	Spec. ....	St. Joseph. ....	Buchanan.
Yamagata, Tasuke. ....	Arts. ....	Soph. ....	Honolulu, Hawaii. ....	
Yamazaki, Jenji. ....	Arts. ....	Spec. ....	Niitsu, Japan. ....	
Yates, Thomas Leslie. ....	Arts. ....	Soph. ....	King City. ....	Gentry.
Yeager, James Robert, B. S. in				
Eng. ....	Eng. ....	5th Yr.	Higginsville. ....	Lafayette.
Yehle, Ralph Joseph. ....	Arts. ....	Jr. ....	Maryville. ....	Nodaway.
Yeldell, Guy Edmond. ....	Arts. ....	Fr. ....	St. Louis. ....	
Yoder, Gladye. ....	Agr. ....	S. C. ....	Latour. ....	Johnson.
Yost, Richard Wallace. ....	Eng. ....	Soph. ....	Jefferson City. ....	Cole.
Youmans, Paul Edwin. ....	B. & P. A.	1st Yr.	Ft. Smith, Ark. ....	
Young, Chester L. ....	Eng. ....	Fr. ....	Columbia. ....	Boone.
Young, Eva Lee. ....	Arts. ....	Fr. ....	Lathrop. ....	Clinton.
Young, Glenn M. ....	Agr. ....	Soph. ....	Columbia. ....	Boone.
Young, Guy Urban. ....	Educ. ....	2nd Yr.	Columbia. ....	Boone.
Young, Lawrence Albert. ....	Eng. ....	Soph. ....	St. Louis. ....	
Young, Lee LaForce. ....	Law. ....	3rd Yr.	Greenfield. ....	Dade.
Young, Robert Henry. ....	Arts. ....	Fr. ....	Jefferson City. ....	Cole.
Young, Sadie Gertrude. ....	Educ. ....	Spec. ....	Windsor. ....	Henry.
Yowel, Robert Louis. ....	Arts. ....	Soph. ....	Gross. ....	Monroe.
Yunker, Harold Gibbs. ....	Arts. ....	Fr. ....	Sedalia. ....	Pettis.
Yunker, Louis Charles, Jr. ....	Arts. ....	Fr. ....	Sedalia. ....	Pettis.
Zaring, Elizabeth Pearl, B. S.				
in Ed. ....	Grad. ....		Columbia. ....	Boone.
Zeigel, Roland Arthur. ....	Law. ....	3rd Yr.	Kirksville. ....	Adair.
Zeiner, Elwood Paul. ....	Agr. ....	N. C. ....	Westboro. ....	Atchison.

Name	Division	Class	Postoffice	County
Zeltzer, Meyer.....	Arts.....	Fr.....	Rochester, N. Y...	
Zentz, Guy W.....	Agr.....	Fr.....	Pattonsburg.....	Daviess.
Zercher, John A.....	B. & P. A.	1st Yr..	Topeka, Kan.....	
Zilles, Paul J.....	Eng.....	Soph...	Stanberry.....	Gentry.
Zimmerman, Cullen Caswell..	Educ.....	2nd Yr..	Marble Hill.....	Bollinger.
Zimmerman, Frances Louise..	Arts.....	Soph...	Warrensburg.....	Johnson.
Zimmerman, Freda M.....	Arts.....	Fr.....	Clayton.....	St. Louis.
Zimmerman, M. Leona.....	Arts.....	Soph...	Centralia.....	Boone.
Zimmerman, Milford Stanley.	Arts.....	Fr.....	Kansas City.....	Jackson.
Zirkle, Raymond Elliott.....	Eng.....	Soph...	West Plains.....	Howell.
Zoff, Serelda.....	Law.....	3rd Yr..	Washington.....	Franklin.

# SCHOOL OF MINES AND METALLURGY (AT ROLLA)

Name	Year.	Postoffice	County
Adams, Mary Zella.....	Unclass...	Rolla.....	Phelps.
Alcorn, Irwin Wyland.....	Sr.....	Ranger, Texas.....	
Ahlquist, Robert Wilhelm.....	Jr.....	Madrid, Iowa.....	
Ahrens, Herbert Emmitt.....	Jr.....	Corning.....	Holt.
Ainsworth, Harry Doyle.....	Fr.....	Roodhouse, Ill.....	
Alexander, Garr Scott.....	Voc.....	Hancock.....	Pulaski.
Algermissen, Sylvester C.....	Soph.....	Montgomery City.....	Montgomery.
Allen, Cecil Hall.....	Voc.....	St. Louis.....	
Aldons, William M.....	Spec.....	Litchfield, Ill.....	
Alton, William Joseph.....	Spec.....	Columbia.....	Boone.
Ambler, Harry Atwood.....	Grad.....	St. Louis.....	
Amsberg, Charles August.....	Voc.....	Rolla.....	Phelps.
Anderson, Mason Callaway.....	Fr.....	Clinton.....	Henry.
Andrews, Everett Philip.....	Sr.....	Boulder, Colo.....	
Angel, John Leslie.....	Voc.....	St. Louis.....	
Appley, Mary Ruth.....	Fr.....	Rolla.....	Phelps.
Argus, George Louis.....	Voc.....	Rolla.....	Phelps.
Arnold, Charles Link.....	Fr.....	Clinton.....	Henry.
Atkins, Eugene Marvin.....	Voc.....	Pikeville, Ky.....	
Atkinson, Marion Lee, Jr.....	Soph.....	Chadwick.....	Christian.
Backer, William Henry.....	Soph.....	Webster Groves.....	St. Louis.
Baker, Donald Robert.....	Fr.....	Kansas City.....	Jackson.
Baker, Everett Eugene.....	Voc.....	Rolla.....	Phelps.
Baker, Guy.....	Voc.....	Fredericktown.....	Madison.
Balin, Charles J.....	Voc.....	St. Louis.....	
Ball, Otto.....	Voc.....	Atchison, Kan.....	
Ballinger, Ross Angelo.....	Soph.....	Gallatin.....	Daviess.
Barnard, Herbert Eleroy.....	Soph.....	St. Louis.....	
Bauman, George.....	Fr.....	Brooklyn, N. Y.....	
Baumgardner, Benjamin K.....	Fr.....	Rolla.....	Phelps.
Beach, Seth Clifford.....	Voc.....	Emporia, Kan.....	
Beagles, Harry Jay.....	Jr.....	Nevada.....	Vernon.
Beck, Thomas Henry.....	Jr.....	Des Moines, Iowa.....	
Becker, Morris.....	Spec.....	St. Louis.....	
BeDell, Milo Nanson.....	Jr.....	St. Louis.....	
Behnke, James Dillion.....	Spec.....	Wyoming, Iowa.....	
Belew, Ross Rudell.....	Voc.....	Salem.....	Dent.
Bent, Merton Everett.....	Voc.....	Rolla.....	Phelps.
Berry, George Franklin.....	Voc.....	Tampa, Fla.....	
Berry, Hugh Rogers.....	Fr.....	East St. Louis, Ill.....	
Bettag, John Joseph.....	Voc.....	St. Louis.....	
Biggs, Walter.....	Voc.....	Salem.....	Dent.
Bisch, Felix Grover.....	Voc.....	Bonne Terre.....	St. Francois.
Bishop, George Elia.....	Spec.....	Wichita, Kan.....	
Blake, Philip LeRoy.....	Soph.....	Lynn, Mass.....	
Blickensderfer, John.....	Soph.....	Lebanon.....	Laclede.
Blount, Ralph.....	Soph.....	Potosi.....	Washington.
Bohn, Russell Orlando.....	Fr.....	West Union, Ill.....	
Bolt, William Weeks.....	Sr.....	Springfield, Ill.....	
Boman, Henry Julius.....	Voc.....	Pierce City.....	Lawrence.
Bossert, Harry Franklin.....	Fr.....	Rolla.....	Phelps.
Bothwell, Max.....	Voc.....	St. Louis.....	
Bowers, Carlos Gehret.....	Soph.....	Carrollton.....	Carroll.
Bowman, Kingston Miller.....	Jr.....	Keokuk, Iowa.....	
Boyle, Alfred Arthur.....	Jr.....	St. Louis.....	
Bradley, Mrs. S. P.....	Spec.....	Rolla.....	Phelps.
Brandenberger, Oscar Louis.....	Sr.....	Belleville, Ill.....	
Brannan, Jesse Earl.....	Voc.....	Eldorado Springs.....	Cedar.
Brant, Raymond Freeman.....	Voc.....	Chillicothe.....	Livingston.
Bratcher, Bernie.....	Voc.....	Campbell.....	Dunklin.
Braun, Melville Francis.....	Voc.....	St. Louis.....	
Brevoort, William Emison.....	Fr.....	Vincennes, Ind.....	
Brooks, Willis Floyd.....	Voc.....	Hornersville.....	Dunklin.
Brooks, Eugene William.....	Voc.....	Alton, Ill.....	
Broom, Frederick Lawrence.....	Voc.....	Sylvia, Kan.....	
Brown, Charles Reed.....	Fr.....	Rolla.....	Phelps.
Brown, Paul Macfarlane.....	Jr.....	Kirkwood.....	St. Louis.
Brown, Rolla Oliver.....	Voc.....	Moberly.....	Randolph
Browning, Bertie Lee.....	Fr.....	Montrose.....	Henry.
Brumley, Richard Howlett.....	Voc.....	St. Louis.....	
Bryan, Jean Paul.....	Jr.....	Independence.....	Jackson.
Buck, Albert Edward.....	Soph.....	Central Falls, R. I.....	
Buechler, William Oliver.....	Fr.....	Belleville, Ill.....	



Name	Year	Postoffice	County
Bulger, John Leo.....	Sr.....	Gouverneur, N. Y.....	
Bullard, Naomi Jane.....	Unclass.....	Rolla.....	Phelps.
Bullington, Felix Arthur.....	Voc.....	Caruthersville.....	Pemiscot.
Burg, Walter Angelo.....	Fr.....	East St. Louis, Ill.....	
Burley, John Eldridge.....	Jr.....	Wichita, Kan.....	
Burke, Stephen Michael.....	Jr.....	St. Louis.....	
Burkhart, Clarence Ware.....	Grad.....	Indianapolis, Ind.....	
Buser, Henry Clarence.....	Jr.....	Webster Groves.....	St. Louis.
Bush, William Hewitt, Jr.....	Spec.....	St. Louis.....	
Burke, Edward Harry.....	Voc.....	St. Louis.....	
Byrd, James Howard.....	Fr.....	Deepwater.....	Henry.
Cameron, Campbell Robinson.....	Jr.....	McAlester, Okla.....	
Campbell, Chester Wilber.....	Voc.....	Sedalia.....	Pettis.
Campbell, Ely Taylor.....	Jr.....	Kansas City.....	Jackson.
Campbell, Jack.....	Soph.....	Doniphan.....	Ripley.
Campbell, Lymrick Lester.....	Fr.....	Kansas City.....	Jackson.
Campbell, Mary Elizabeth.....	Fr.....	Rolla.....	Phelps.
Carlton, Hal Hopper.....	Spec.....	St. Louis.....	
Case, Walker Earnest.....	Sr.....	Rolla.....	Phelps.
Casey, Walter Eric.....	Jr.....	Ramsey, Ill.....	
Cassil, Lawrence A.....	Voc.....	Mountain Grove.....	Wright.
Castelli, Joseph.....	Soph.....	Knobview.....	Phelps.
Cathcart, Everett Hunter.....	Jr.....	Kansas City.....	Jackson
Charles, Beryle E.....	Sr.....	Salina, Kan.....	
Chapin, Elmer Fenton.....	Spec.....	Rolla.....	Phelps.
Chattillion, Alfred Ernest.....	Voc.....	Dupo, Ill.....	
Childress, Harold Lyle.....	Sr.....	Galena, Kan.....	
Chomeau, Henri.....	Jr.....	Clayton.....	St. Louis
Christner, Glen Joyce.....	Sr.....	Horton Kan.....	
Christopher, James H.....	Soph.....	Warrensburg.....	Johnson.
Cleaman, James.....	Voc.....	Liberal, Kan.....	
Clutts, Lloyd Owen.....	Fr.....	Thebes, Ill.....	
Coakley, John Leonard.....	Voc.....	Kansas City, Kan.....	
Coffman, Frank W.....	Jr.....	Cowgill.....	Caldwell.
Coffman, William Alphonzo.....	Voc.....	Rocky Mountain.....	Morgan.
Collins, Lawrence.....	Sr.....	Quincy, Ill.....	
Corey, Rowena Grace.....	Fr.....	Rolla.....	Phelps.
Corridon, Michael Patrick.....	Voc.....	Kansas City.....	Jackson.
Couch, Jamison Eberlee.....	Fr.....	Hannibal.....	Marion.
Courtney, Robert Munson.....	Soph.....	Hannibal.....	Marion.
Crane, Phillip Clark.....	Voc.....	St. Louis.....	
Craig, Charles Dewey.....	Fr.....	Galt.....	Grundy.
Crews, Ersel Guy.....	Voc.....	Nardin, Okla.....	
Crippen, Dale Levi.....	Voc.....	Hutchison, Kan.....	
Croft, George Albert.....	Jr.....	Winterset, Iowa.....	
Crutcher, Welbern Ball.....	Soph.....	Rolla.....	Phelps.
Culpepper, John Henry.....	Voc.....	Howards Ridge.....	Ozark.
Cummins, Fred.....	Voc.....	Rolla.....	Phelps.
Cummins, Harry Edgar.....	Voc.....	Rolla.....	Phelps.
Cunningham, Clement.....	Fr.....	Carthage.....	Jasper.
Curry, Homer.....	Voc.....	Campbell.....	Dunklin.
Danklef, Herman Dietrich.....	Voc.....	Mt. Olive, Ill.....	
Davidson, Grace Rita.....	Unclass.....	Rolla.....	Phelps.
Davis, Carl Bailey.....	Soph.....	Rolla.....	Phelps.
Davis, William Cameron.....	Voc.....	Licking.....	Texas.
Deckmeyer, Fred August.....	Jr.....	St. Louis.....	
DeCousser, Kurt Herman.....	Sr.....	Rolla.....	Phelps.
Delaloye, Marguerite Blanche.....	Unclass.....	Rolla.....	Phelps.
Denison, Alvis Frederick.....	Sr.....	Rolla.....	Phelps.
Denison, William Ray.....	Sr.....	Rolla.....	Phelps.
Dent, Harry Lee.....	Unclass.....	Rolla.....	Phelps.
Dent, Hazel Rena.....	Unclass.....	Rolla.....	Phelps.
Dickey, Harris Brown.....	Spec.....	Montgomery City.....	Montgomery.
Dierking, George Thomas.....	Jr.....	St. Louis.....	
Dimitry, John Andrew.....	Voc.....	Overland.....	St. Louis
Dodd, Frank William.....	Voc.....	Havensland, Kan.....	
Dooley, Glenn Angus.....	Jr.....	Joplin.....	Jasper.
Doolittle, Ira Russell.....	Fr.....	Broken Arrow, Okla.....	
Dorris, Milburn Leo.....	Jr.....	Collinsville, Ill.....	
Dougherty, John Herman.....	Soph.....	Peoria, Ill.....	
Drouot, Harold Roberts.....	Soph.....	Tulsa, Okla.....	
Dunlap, Myron Norman.....	Soph.....	Monett.....	Barry.
Dunlop, William Harry.....	Sr.....	Beardstown, Ill.....	
Durant, Winston John.....	Unclass.....	Rolla.....	Phelps.
Dutton, Clyde Edward.....	Voc.....	Roubidoux.....	Texas.
Dyer, Gerald Birkhead.....	Voc.....	St. Louis.....	
Eble, Otto Hugh.....	Soph.....	St. Louis.....	
Edmiston, Ruby Clinton.....	Voc.....	Rolla.....	Phelps.
Elliott, Lee E.....	Voc.....	Nevada.....	Vernon.
Ellison, Kenneth Alfred.....	Fr.....	Sapulpa, Okla.....	
Elshire, Elmer.....	Voc.....	Aitkin, Minn.....	

Name	Year	Postoffice	County
Epperson, William Homer.....	Voc.....	St. Louis.....	
Erickson, Roy Oscar.....	Jr.....	Madrid, Iowa.....	
Evans, George Hartwell.....	Fr.....	Sedalia.....	Pettis.
Evans, Otto Henry.....	Voc.....	Meta.....	Osage.
Evans, Owen Richard.....	Jr.....	Granger.....	Scotland.
Fairchild, Harrison Vaughn.....	Unclass.....	Leadville, Colo.....	
Farris, Billy.....	Unclass.....	Rolla.....	Phelps.
Faudi, Philip William.....	Fr.....	St. Louis.....	
Federhofer, Aloysius.....	Voc.....	St. Clair.....	Franklin.
Ferry, Lighton William.....	Voc.....	Elsberry.....	Lincoln.
Fink, Frank Otto.....	Fr.....	Rolla.....	Phelps.
Fipps, Delilah Mary.....	Fr.....	Salem.....	Dent.
Fipps, Elba Lafayette.....	Jr.....	Salem.....	Dent.
Fishburn, Clare Downing.....	Jr.....	Carthage.....	Jasper.
Fischer, Paul Edgar.....	Jr.....	Webster Groves.....	St. Louis.
Fleck, Howard Chandler.....	Jr.....	ElPaso, Texas.....	
Fleming, John Wilson.....	Fr.....	Indiana, Pa.....	
Flesh, David James.....	Jr.....	St. Louis.....	
Follette, Darvin Manley.....	Voc.....	St. Louis.....	
Foran, Leo Anson.....	Jr.....	Rolla.....	Phelps.
Forgotson, James Morris.....	Sr.....	St. Louis.....	
Ford, Robert L.....	Voc.....	Allenville.....	C. Girardeau.
Forman, Percy G.....	Sr.....	Rolla.....	Phelps.
Foster, James Nelson.....	Fr.....	Linn Creek.....	Camden.
Frame, Floyd Hill.....	Grad.....	Rolla.....	Phelps.
Frame, Wayne Shannon.....	Jr.....	Salesville, Ohio.....	
Freeman, John Herbert.....	Fr.....	Newburg.....	Phelps.
Freeman, Louis Andy.....	Voc.....	Leadwood.....	St. Francois.
Fry, Muir Luken.....	Jr.....	Litchfield, Ill.....	
Fulton, William Robert.....	Voc.....	Springfield.....	Greene.
Gabler, George Charles.....	Soph.....	Coffeyville, Kan.....	
Gaines, George Duggins.....	Fr.....	Slater.....	Saline.
Gatts, William Prescott.....	Jr.....	Hannibal.....	Marion.
Garretson, Walter Paul.....	Jr.....	Carthage.....	Jasper.
Gegan, Edward Philip.....	Voc.....	Rolla.....	Phelps.
Gerds, John Walter.....	Voc.....	Lincoln.....	Benton.
Gettler, Warren Roy.....	Sr.....	Hannibal.....	Marion.
Gibson, Dodd Graham.....	Jr.....	Webster Groves.....	St. Louis.
Godwin, William.....	Fr.....	Pinckneyville, Ill.....	
Gordon, John Pemberton.....	Jr.....	Mission, Texas.....	
Gorman, Eugene James.....	Fr.....	Davenport, Iowa.....	
Grady, Robert Franklin.....	Jr.....	St. Louis.....	
Grant, Verne John.....	Voc.....	Herrin, Ill.....	
Gray, Fred Edwin.....	Jr.....	Moran, Kan.....	
Gregg, James Lawrence.....	Jr.....	Independence.....	Jackson.
Griffin, Donald Norval.....	Fr.....	Joplin.....	Jasper.
Grosch, Lyndall.....	Fr.....	St. Louis.....	
Groschan, William Robert.....	Fr.....	Kirkwood.....	St. Louis.
Grundemeyer, Milford Anthony.....	Voc.....	Rolla.....	Phelps.
Guy, Earl McKinley.....	Sr.....	Davenport, Iowa.....	
Haberthier, Joseph John.....	Jr.....	Wichita.....	Kan.
Halasey, Francis Richard.....	Sr.....	Maryville.....	Nodaway.
Ham, Neal.....	Jr.....	Montgomery, Ala.....	
Harbinson, Lynn.....	Jr.....	Kansas City.....	Jackson.
Harmer, Stuart Peacock.....	Voc.....	Bourbon.....	Crawford.
Harden, Milton Jones.....	Voc.....	Stella.....	Newton.
Hardwicke, William Burnham.....	Fr.....	Stratford, Conn.....	
Harris, George Godley.....	Jr.....	Kansas City.....	Jackson.
Harris, Jim Van.....	Jr.....	Morley.....	Scott.
Harris, Joseph Nathan.....	Fr.....	Neosho.....	Newton.
Harte, Bartley Sylvester.....	Voc.....	St. Louis.....	
Hasselmann, Karl Fredrick.....	Fr.....	Rock Rapids, Iowa.....	
Hatmaker, Paul Castleton.....	Jr.....	East Aurora, N. Y.....	
Hawkins, Lonnie.....	Voc.....	Rolla.....	Phelps.
Hauck, William Fred.....	Fr.....	St. Louis.....	
Haworth, Paul Franklin.....	Fr.....	Elwood, Neb.....	
Hays, Stanley Merton.....	Sr.....	Wellsville.....	Montgomery.
Hazelwood, Ivan Floyd.....	Voc.....	Alton, Ill.....	
Healey, Edward Lawrence.....	Voc.....	Creston, Iowa.....	
Healey, Michael Vincent.....	Jr.....	Macon.....	Macon.
Heckman, Ren Marlin.....	Jr.....	Liberty, Kan.....	
Hegwer, Paul Jent.....	Jr.....	Sarcoxie.....	Jasper.
Heidtman, Homer Henry.....	Soph.....	Wright City.....	Warren.
Heim, Carl Joseph.....	Fr.....	Huntingburg, Ind.....	
Heitman, Albert Louis.....	Fr.....	Lincoln, Ill.....	
Helmerichs, John Frederick.....	Jr.....	St. Louis.....	
Henderson, Frank Irvan.....	Sr.....	St. Louis.....	
Hendry, David John.....	Jr.....	St. Louis.....	
Higdon, Clyde.....	Spec.....	Fredericktown.....	Gasconade.
Highfill, James.....	Fr.....	Pawhuska, Okla.....	
Hill, Howard Freaner.....	Fr.....	Vinita, Okla.....	

Name	Year	Postoffice	County
Hodges, Isaac Franklin.....	Sr.....	Granby.....	Newton.
Hodges, Joseph Tipton.....	Sr.....	Granby.....	Newton.
Hogan, Willis Wesley.....	Voc.....	Marshall.....	Saline.
Hoke, William Franklin.....	Sr.....	Lees Summit.....	Jackson.
Holler, Percy Alvin.....	Voc.....	Topeka, Kan.....	
Hollems, Merle Cornelius.....	Spec.....	Rolla.....	Phelps.
Holliday, Talbert.....	Voc.....	Pollock.....	Sullivan.
Hollow, Edward John.....	Sr.....	Cuba.....	Crawford.
Hollow, Francis Heron.....	Sr.....	Cuba.....	Crawford.
Hoover, B. F.....	Jr.....	Trenton.....	Grundy.
Hope, Anderson Monroe.....	Voc.....	Doniphan.....	Ripley.
Hope, Charles Henry.....	Voc.....	Doniphan.....	Ripley.
Hopkins, Elizabeth.....	Unclass.....	Rolla.....	Phelps.
Hopkins, Leslie Brooks.....	Fr.....	Rolla.....	Phelps.
Horrom, Orman John.....	Fr.....	Rolla.....	Phelps.
Hosterman, John Francis.....	Sr.....	Kansas City.....	Jackson.
Houston, Arthur Columbus.....	Voc.....	St. Louis.....	
Howald, Leon Sidney.....	Soph.....	Rolla.....	Phelps.
Howard, Earl Samuel.....	Fr.....	Chamois.....	Osage.
Howard, Max Raymond.....	Voc.....	Rolla.....	Phelps.
Hubbard, Henry G.....	Jr.....	Crescent City, Fla.....	
Hughes, Harry Herbert, Jr.....	Sr.....	Santa Monica, Cal.....	
Hunt, Arlo Lowell.....	Soph.....	Independence.....	Jackson.
Hunt, Joseph Owen.....	Soph.....	Hannibal.....	Marion.
Hunter, Francis Kinlock M.....	Sr.....	New York, N. Y.....	
Hunting, Edward Benjamin.....	Soph.....	Cresco, Iowa.....	
Hutchens, Aaron Clarence.....	Soph.....	Senath.....	Dunklin.
Hynes, Julius Henry.....	Spec.....	St. Louis.....	
Imus, Benjamin Lincoln.....	Fr.....	Savannah.....	Andrew.
Ingerson, Morris James.....	Unclass.....	Bemis Point, N. Y.....	
Irving, Charles Curran.....	Fr.....	Packwood, Iowa.....	
Ivins, Weber Entrikin.....	Fr.....	Sweetwater, Tenn.....	
Irwin, Henry Monroe, Jr.....	Voc.....	Mt. Vernon, Ill.....	
Jackson, Edward William.....	Voc.....	Deepwater.....	Henry.
Jackson, Frank Otis.....	Fr.....	Duncan, Okla.....	
Jarrett, Amos Frank.....	Voc.....	Norwood.....	Wright.
Jett, Daniel Boone.....	Soph.....	St. Louis.....	
Jenike, John Christian.....	Voc.....	Hume.....	Bates.
Jesse, Joe Edward.....	Voc.....	St. Louis.....	
Jewell, Armin Brene.....	Jr.....	Tulsa, Okla.....	
Jewell, James Edwin, Jr.....	Sr.....	Kansas City.....	Jackson.
John, Vertie Olive.....	Unclass.....	Rolla.....	Phelps.
Johns, Edward Herbert.....	Soph.....	Carthage.....	Jasper.
Johnson, Allan Bernard.....	Voc.....	Springfield.....	Greene.
Johnson, Granville William.....	Voc.....	Rolla.....	Phelps.
Johnson, Reginald Augustine.....	Voc.....	Pleasant Hill.....	Cass.
Johnson, Obbo William.....	Unclass.....	St. Louis.....	
Jones, Charles Thompson.....	Fr.....	E. St. Louis, Ill.....	
Jones, Harry Paul.....	Voc.....	Rolla.....	Phelps.
Jones, Roy Hobson.....	Voc.....	Buffalo.....	Dallas.
Jones, William Jackson.....	Voc.....	Edwardsville, Ill.....	
Joslin, Verne George.....	Jr.....	Rolla.....	Phelps.
Kaley, Charles Bayard.....	Jr.....	Gouverneur, N. Y.....	
Kamp, William Henry.....	Sr.....	St. Louis.....	
Kasch, Walter.....	Voc.....	Webster Groves.....	St. Louis.
Kasel, Rudolph Gustav.....	Jr.....	Washington.....	Franklin.
Kaullen, Fred Adam.....	Sr.....	Jefferson City.....	Cole.
Keckler, Clarence Edward.....	Voc.....	Muscatine, Iowa.....	
Keeler, Edgar Allan.....	Sr.....	Tulsa, Okla.....	
Keeling, William Miller.....	Jr.....	Falls City, Neb.....	
Keeling, William Orval.....	Soph.....	Rolla.....	Phelps.
Keith, Frank Crow.....	Fr.....	Leadwood.....	St. Francois.
Kelley, Ross Everett.....	Voc.....	Ironton, Ohio.....	
Kemper, Claude Lester.....	Soph.....	St. Louis.....	
Kennedy, Daniel.....	Voc.....	St. Louis.....	
Kentnor, Charles B., Jr.....	Fr.....	St. Louis.....	
Kessler, Harry Harvey.....	Soph.....	St. Louis.....	
Keyes, Irwin Wilson.....	Jr.....	Richmond.....	Ray.
Kilgore, William Maurice.....	Voc.....	Slater.....	Saline.
Kilgore, Roxie.....	Unclass.....	Rolla.....	Phelps.
Kilpatrick, Joseph Harris.....	Voc.....	St. Louis.....	
Kimble, Delar, Jr.....	Voc.....	St. Louis.....	
Kitchen, Elizabeth Sarah.....	Unclass.....	Rolla.....	Phelps.
Knight, Garold Louis.....	Grad.....	Joplin.....	Jasper.
Knight, Ralph Henry.....	Sr.....	St. Louis.....	
Knight, William Elam Hall.....	Soph.....	Joplin.....	Jasper.
Kohlbr, Francis Paul.....	Sr.....	St. Louis.....	
Kort, Frederick Rinehart.....	Voc.....	Arkansas City, Kan.....	
Knoebel, Irvin George.....	Fr.....	Belleville, Ill.....	
Kruse, Edward Conrad.....	Voc.....	St. Louis.....	
Kunder, Raymond John.....	Voc.....	Macon.....	Macon.



Name	Year	Postoffice	County
Lancaster, Charles Merritt	Voc	Omaha, Neb	
Lang, Arthur Eugene	Voc	E. St. Louis, Ill	
Laney, Urig V	Voc	Billings	Christian.
Lapee, Roland Joseph	Jr	Sullivan	Franklin.
Larson, William Olaf	Voc	Linn Grove, Iowa	
Launius, Chester Clyde	Voc	Bloomfield	Stoddard.
Lawhon, Frank	Voc	Doniphan	Ripley.
Lawrence, Hiram Pettibone	Jr	Rolla	Phelps.
Lay, Willard Claxton	Jr	St. Clair	Franklin.
Layton, Ben McColloch	Jr	Ferguson	St. Louis.
Ledford, Mike Alfred		Tulsa, Okla	
Lenox, Jennie Lynn	Sr	Rolla	Phelps.
Leonard, Homer LaKirby	Sr	Rolla	Phelps.
Letterman, John Francis	Voc	St. Louis	
Letts, George Brown	Fr	Jefferson City	Cole.
Levinson, Arthur Aaron	Soph	Chicago, Ill	
Levy, Milton	Fr	St. Louis	
Lepper, Lewis E. W.	Sr	Marlboro, Mass	
Lindenberger, Harvey R	Fr	Rolla	Phelps.
Lindgren, Roy Alexander	Jr	Chicago, Ill	
Linzner, Leo Morris	Jr	New York City, N. Y	
List, Elmer	Unclass	Rolla	Phelps.
Littig, Edward Frank	Voc	St. Louis	
Lloyd, Samuel Horace	Grad	Rolla	Phelps.
Loesche, Harry Charles	Sr	St. Louis	
Loevy, Donald Boehm	Soph	St. Louis	
Logan, James Augustus	Voc	Rolla	Phelps.
Lorts, Gladys Haley	Unclass	Rolla	Phelps.
Lowe, Norman Joseph	Fr	Brooklyn, N. Y	
Lowd, Francis Elliott	Voc	Boston, Mass	
Lucas, Homer Ray	Voc	Mammoth Springs, Ark	
Luckfield, William Richard	Jr	Mt. Washington	Jackson.
Lumbley, Joseph Roy	Voc	Rolla	Phelps.
Lumpkin, Lloyd Earl	Sr	Jefferson City	Cole.
Luster, Dwight Kerr	Fr	East Orange, N. J	
Lyons, Bernard Francis	Voc	St. Louis	
Lyons, Joe Jerry	Spec	Springfield	Greene.
McAlpine, Earl Hollinger	Jr	Haleyville, Okla	
McBrian, Ray	Jr	Shawnee, Okla	
McBride, Hollis Eugene	Jr	Cape Girardeau	C. Girardeau.
McCarthy, James	Spec	Hannibal	Marion.
McCaw, Margaret Jean	Unclass	Rolla	Phelps.
McClelland, Myron	Soph	Centralla, Ill	
McClellan, Maurice Hunter	Jr	Eminence	Shannon.
McCormick, Duncan	Voc	Troy, Ill	
McCune, Roger Thomas	Spec	Rolla	Phelps.
McDonald, Wayne	Fr	Fort Worth, Texas	
McDonald, Joseph Michael	Voc	St. Louis	
McDonald, Martin	Voc	St. Louis	
McGee, Clarence Samuel	Voc	Kansas City	Jackson
McGee, Robert Riley	Voc	St. Louis	
McGill, James Nathaniel	Sr	Odessa	Lafayette.
McGirr, Oscar	Voc	Rolla	Phelps.
McGuire, Paul Robert	Voc	Castleton, Kan	
McKeown, Frank Robert	Voc	St. Louis	
McKinley, Daniel Samuel	Voc	Dora	Ozark.
McNely, Earl Joesting	Grad	Wood River, Ill	
Machin, Edwin Gilbert	Jr	Bluffton	Montgomery.
Magalis, Syrus West	Soph	Dallas, Texas	
Mahan, James Francis	Voc	Charleston, Mass	
Maloney, Martin Thomas	Voc	St. Louis	
Marek, Harry Charles	Soph	Sioux City, Iowa	
Martin, Charles Lytton	Fr	Sullivan	Franklin.
Martin, Fred Charles	Fr	Morris, Ill	
Martin, Guy Verdin	Jr	Rolla	Phelps.
Martin, Ira Sanford	Voc	Newton, Kan	
Martyn, Philip Francis	Jr	Cuba	Crawford.
Matlack, Frederick Palmore	Jr	Overland Park	St. Louis.
Maxwell, Fay Terrill	Fr	Vandalla	Audrain.
May, Luther Walter	Voc	Morley	Scott.
Meeks, Felix Zollicoffer	Jr	Marshall	Saline.
Mefford, James Russell	Voc	Crittenden	Camden.
Maglitch, Anthony	Voc	St. Louis	
Meier, Albert Gordon	Voc	Rolla	Phelps.
Meinecke, Egmont Samuel	Jr	Bay	Gasconade.
Meng, Paul Krugar	Fr	Greenfield	Dade.
Mennie, Billy Raymond	Jr	Hannibal	Marion.
Mercer, Ellis Wellington	Voc	Rolla	Phelps.
Merrill, John Warren	Fr	Carthage	Jasper.
Metzger, William Herman	Sr	E. St. Louis, Ill	
Meyer, August William	Voc	Rolla	Phelps.
Mikell, Waring	Soph	Augusta, Ga	
Millar, Charles James	Grad	Webb City	Jasper.

Name	Year	Postoffice	County
Milford, Minor Thomas.....	Voc.....	St. Louis.....	St. Louis.
Milford, Minor Thomas.....	Voc.....	St. Louis.....	
Miller, George Handley.....	Voc.....	Overland.....	
Miller, John Gaines.....	Grad.....	St. Louis.....	
Miller, Robert Karl.....	Fr.....	Vincennes, Ind.....	
Miller, William Lyman.....	Fr.....	Redwood City, Cal.....	
Millikan, Carl E.....	Jr.....	Buffalo, N. Y.....	
Milsted, Harry Stephen.....	Voc.....	Rolla.....	
Mitchell, James Emmett.....	Voc.....	Rolla.....	
Mitchell, John Karhart.....	Voc.....	Macon.....	
Mohri, August Frederic.....	Jr.....	Kansas City.....	
Moodie, Dwight Lindford.....	Soph.....	St. Louis.....	
Moore, Hamilton.....	Jr.....	St. Louis.....	
Morris, Alva Rex.....	Voc.....	Willard.....	
Mosby, Donald Speed.....	Jr.....	Jefferson City.....	
Mosena, Charles Clifford.....	Sr.....	Falls City, Neb.....	
Muench, Roland Thomas.....	Jr.....	Washington.....	
Mulford, Frank Cleo.....	Unclass.....	Kansas City.....	
Mullen, Edward Martin.....	Voc.....	Hutchinson, Kan.....	
Murphy, Raymond Edward.....	Jr.....	Rolla.....	
Murray, James Ellis.....	Unclass.....	Holden.....	Phelps. Phelps. Macon. Jackson.  Greene. Cole.  Franklin. Jackson.  Phelps. Johnson.
Murry, Albert B.....	Fr.....	St. Clair, Ill.....	
Nantista, Frank Paul.....	Voc.....	New York City, N. Y.....	
Napper, Elmer Eugene.....	Unclass.....	Springfield.....	
Napper, Herbert Ivy.....	Fr.....	Springfield.....	
Nawn, George Francis.....	Jr.....	Rolla.....	
Naylor, Arch Waugh.....	Soph.....	Rolla.....	
Neil, Charles Bland.....	Voc.....	Republic.....	
Nelson, Eugene Harvey.....	Voc.....	St. Louis.....	
Nelson, Roy Peter.....	Voc.....	St. Louis.....	
Neves, Walter Lee.....	Voc.....	Kansas City, Kan.....	
Newbill, Cecil Albert.....	Fr.....	Deepwater.....	
Newton, Noah.....	Voc.....	Denver, Colo.....	
Nolen, Jack.....	Fr.....	Hannibal.....	
Nolen, Ray Samuel.....	Voc.....	Advance.....	
Noite, Pauline Josephine.....	Unclass.....	Rolla.....	
Nuddelman, Barney.....	Grad.....	St. Louis.....	
O'Brien, Edward Bohen.....	Fr.....	Little Rock, Ark.....	Bolivar.
O'Brien, Thomas James.....	Voc.....	St. Louis.....	
O'Hara, Samuel Burl.....	Voc.....	Rosendale.....	
O'Leary, John Mitchell.....	Spec.....	Cherryvale, Kan.....	
Oliver, Minturn.....	Fr.....	Westfield, N. J.....	
Orr, Raymond Fitzgerald.....	Jr.....	Webb City.....	
Ost, Paul William.....	Fr.....	St. Louis.....	
Overeen, Marcl Eugene.....	Voc.....	Ramsey, Ill.....	
Owens, Elizabeth Wagenbreth.....	Unclass.....	Rolla.....	
Owens, Irvin King.....	Sr.....	Rolla.....	
Pace, Henry Harding.....	Soph.....	Alton, Ill.....	Phelps.
Pollozolo, Leo.....	Voc.....	Rolla.....	
Parker, Ray Arnold.....	Fr.....	Muskogee, Okla.....	
Parkhurst, Arlis Beckham.....	Jr.....	Tulsa, Okla.....	
Pasley, James Lingan.....	Voc.....	Mexico.....	
Patterson, Harold Ford.....	Sr.....	Warrensburg.....	
Patton, James Ralph.....	Voc.....	Columbus, Kan.....	
Pence, Harry Simanton.....	Jr.....	Falls City, Neb.....	
Pesout, Edward.....	Jr.....	St. Louis.....	
Petri, Roy Robert.....	Voc.....	Rolla.....	
Pett, Gerald Henry.....	Fr.....	Schuyler, Neb.....	Phelps. Phelps. Jackson. Phelps.
Philips, Joe Abb.....	Voc.....	Warm Springs, Ark.....	
Phillips, Wendell B.....	Voc.....	Fredericksburg, Iowa.....	
Pirtle, Oscar Paul.....	Voc.....	Rolla.....	
Post, Frank.....	Voc.....	Midvale, N. J.....	
Powell, Letitia Sybil.....	Unclass.....	Rolla.....	
Powell, William Alvis.....	Soph.....	Lees Summit.....	
Powell, William Clark.....	Sr.....	Rolla.....	
Powers, Harold Robert.....	Jr.....	Oshkosh, Wis.....	
Powers, William.....	Voc.....	St. Louis.....	
Ralston, Orville Ray.....	Voc.....	Springdale, Ark.....	Phelps. Cole.  Dunklin.
Reeves, John Milton.....	Jr.....	Anderson, Ind.....	
Reid, Joseph Hugh.....	Fr.....	McAlester, Okla.....	
Reid, Sidney Kincaid.....	Sr.....	McAlester, Okla.....	
Reinoehl, Clyde Oscar.....	Spec.....	Rolla.....	
Rembert, Ernest Wayne.....	Grad.....	Jefferson City.....	
Remmers, Walter Edward.....	Soph.....	St. Louis.....	
Richards, Robert Earl.....	Sr.....	Hutchinson, Kan.....	
Richardson, Raymond Earl.....	Voc.....	Campbell.....	
Richardson, Vernon Hill.....	Fr.....	Edinburg, Ill.....	
Richert, George Leo.....	Sr.....	Denver, Colo.....	Marion, Kan.
Riddle, John.....	Voc.....	Marion, Kan.....	
Rixleben, Bruno.....	Sr.....	Jonesboro, Ill.....	

Name	Year	Postoffice	County
Rodemich, Emmett Brown	Fr.	St. Louis	
Rodgers, William Dorris	Voc.	Licking	Texas.
Rohloff, Joseph Herman	Grad.	St. Joseph	Buchanan.
Rolfes, Bernard Edward	Voc.	St. Louis	
Rollhaus, Philip, Jr.	Voc.	St. Louis	
Rood, John Atwood	Fr.	Kansas City	Jackson.
Rosell, Darrell Ruben	Voc.	Norborne	Carroll.
Rountree, Newton Marshall	Jr.	Springfield	Greene.
Rowland, Albert John	Voc.	Rolla	Phelps.
Rozier, Ralph Rice	Voc.	St. James	Phelps.
Rucker, Ambrose Chockley	Sr.	Keytesville	Chariton.
Ruebel, Ernst Hertel	Sr.	Rolla	Phelps.
Rueh, Clarence William	Fr.	Rolla	Phelps.
Runge, Albert Irwin	Soph.	Glendale	St. Louis.
Runge, Charles Adelbert	Jr.	Glendale	St. Louis.
Sample, Truman George	Sr.	Fredericktown	Madison.
Samples, Bourke	Soph.	Boonville, Ind.	
Sander, Ada G.	Unclass.	Springfield	Greene.
Sanders, Eugene Bernard	Spec.	St. Louis	
Sanderson, Lawrence Haley	Soph.	Fulton	Callaway.
Schaefer, Christian F., Jr.	Soph.	Edgewood, Pa.	
Schaeffer, Willard Ardell	Jr.	Rock Island, Ill.	
Schapiro, Leo	Soph.	Chicago, Ill.	
Schmidt, Karl August	Jr.	Springfield	Greene.
Schneeberger, Fred Christ	Voc.	Webster Groves	St. Louis.
Schramm, Edward Bernard	Voc.	St. Louis	
Schramm, Herbert Oscar	Soph.	Elmhurst, L. I., N. Y.	
Schremp, Eugene Joseph	Voc.	St. Louis	
Schultz, Jack Thurman	Voc.	Rolla	Phelps.
Scott, Guy Robert	Jr.	Diamond	Newton.
Scott, Herbert Chester	Fr.	Leadwood	St. Francis.
Scott, Paul Dean	Jr.	Ashland, Wis.	
Scrafton, Wallace Todd	Voc.	Rolla	Phelps.
Scrubby, Horace Dwight	Jr.	Chillicothe	Livingston.
Seiver, Frederick Lyon	Soph.	New York City, N. Y.	
Sharp, William Byron	Jr.	Marston	New Madrid.
Shire, Leo Edwin	Jr.	Mexico	Audrain.
Shirley, Ernest Albert	Voc.	Kenneth	Dunklin.
Shore, Harold Francis	Jr.	Chillicothe	Livingston.
Shupe, Walter	Voc.	Chariton, Iowa	
Shuck, John W. H.	Voc.	Louisiana	Pike.
Siegle, William	Voc.	St. Louis	
Signer, Merton Ira	Sr.	Tonica, Ill.	
Simpson, Wyatt Ellis	Soph.	Eldon	Miller.
Sitzler, Carl William Bryant	Soph.	St. Louis	
Skaggs, Frank Eugene	Voc.	St. Louis	
Small, Mary Augusta	Fr.	Rolla	Phelps.
Smith, Edgar Carlton	Soph.	Richmond, Ind.	
Smith, Edward Albert	Voc.	Belle	Maries.
Smith, Edward Leonard	Voc.	St. Louis	
Smith, Elwood Temple	Voc.	Kansas City	Jackson.
Smith, Ivy Yleton	Unclass.	Rolla	Phelps.
Smith, Paul Avery	Fr.	Collinsville, Okla.	
Snell, Earl	Voc.	E. St. Louis, Ill.	
Southern, Christopher	Voc.	Kansas City	Jackson.
Sparwasser, Edward William	Voc.	Glasco, Kan.	
Springer, Lewis Reese	Fr.	El Paso, Texas	
Stanton, Henry Thompson	Voc.	St. Louis	
Stark, Dick Dryden	Soph.	Bunceton	Cooper.
Steinmeyer, William Frederick	Voc.	St. Louis	
Steinrauf, Dewey William	Voc.	Rolla	Phelps.
Sternberg, Irwin	Jr.	Kansas City	Jackson.
Stimpson, Clifford B.	Voc.	Rolla	Phelps.
Stimpson, Everett T.	Voc.	Rolla	Phelps.
Stogsdill, James Everette	Fr.	Vida	Phelps.
Storrs, Stuart Esselman	Jr.	Hannibal	Marion.
Stover, Curtis Edward	Soph.	E. St. Louis, Ill.	
Strain, Earl P.	Voc.	Rolla	Phelps.
Strong, Frank Noble	Soph.	Marshfield	Webster.
Stroup, Richard John	Grad.	Quincy, Ill.	
Stroup, Robert Knox	Grad.	Quincy, Ill.	
Stuart, Samuel Henry	Jr.	Rolla	Phelps.
Sublett, Ira	Soph.	Texarkana, Texas	
Sutton, Charles Ailsen	Spec.	Fairland, Okla.	
Tarleton, Claude G., Jr.	Fr.	Hannibal	Marion.
Taylor, Huston	Grad.	Rolla	Phelps.
Taylor, James Edwin	Voc.	Mason City, Iowa	
Tedford, Donald Samuel	Jr.	Rolla	Phelps.
Teller, W. Kedzie	Jr.	Riverside, Ill.	
Ternes, Anthony Vincent	Voc.	Garden Plains, Kans.	
TenEyck, Warren Everett	Soph.	St. James	Phelps.
Terry, Clyde	Fr.	Alton, Ill.	



Name	Year	Postoffice	County
Terry, Paul Albert.....	Fr.....	Galt.....	Grundy.
Teter, William Earl.....	Jr.....	Bunker Hill, Ill.....	
Tevis, Charles Cyrus.....	Jr.....	Holden.....	Johnson.
Thain, James Ross.....	Soph.....	Divernon, Ill.....	
Thomas, John D.....	Fr.....	Oblong, Ill.....	
Thomas, James Newton.....	Voc.....	St. Louis.....	
Thompson, John Claude.....	Voc.....	Seneca.....	Newton.
Thompson, Kenneth Keith.....	Voc.....	Galena, Kan.....	
Thompson, Peter Fergus.....	Soph.....	Goodland, Kan.....	
Thompson, Thomas Moffatt.....	Soph.....	Goodland, Kan.....	
Thomy, Lawrence.....	Jr.....	St. Louis.....	
Torrence, James Edward, Jr.....	Sr.....	St. Louis.....	
Tower, Paul Aaron.....	Voc.....	Marshfield.....	Webster.
Townsend, Cyril D.....	Voc.....	Matthews.....	New Madrid.
Tragitt, Edmond Roland.....	Sr.....	Rolla.....	Phelps.
Truebger, Frederick Francis.....	Sr.....	Duquoin, Ill.....	
Turner, Cecil.....	Voc.....	Washington, Iowa.....	
Turner, Harlin Lionel.....	Voc.....	Rolla.....	Phelps.
Underwood, Dale Fisher.....	Fr.....	Georgetown, Ill.....	
Underwood, Helen.....	Unclass.....	Rolla.....	Phelps.
Underwood, James.....	Voc.....	Dunnegan.....	Polk.
Updike, Donald Foster.....	Sr.....	Trenton, N. J.....	
Valentine, Herman Frederick.....	Sr.....	Marshall.....	Saline.
Valerius, Claude Nathan.....	Fr.....	Stuart, Iowa.....	
Van Liem, Gerald John.....	Jr.....	Chassell, Mich.....	
Vaughan, John Eckle.....	Voc.....	Rolla.....	Phelps.
Vincent, Delmar Floyd.....	Voc.....	Campbell.....	Dunklin.
Vincent, George Martin.....	Voc.....	Morgantown, Ohio.....	
Wailles, Ronald David.....	Jr.....	Eaton, Colo.....	
Walker, Arthur Wellesley.....	Soph.....	East Orange, N. J.....	
Walker, John Rawlings.....	Soph.....	Roadhouse, Ill.....	
Wallace, John Festus.....	Jr.....	Maryville.....	Nodaway.
Wallace, Milton Wardwell.....	Grad.....	East Orange, N. J.....	
Walls, Cecil Albert.....	Spec.....	McAlester, Okla.....	
Walsh, David Francis.....	Jr.....	St. Louis.....	
Walters, George Earl.....	Voc.....	Upper Alton, Ill.....	
Wanamaker, Ruth Kimble.....	Spec.....	Rolla.....	Phelps.
Wanamacher, Joe Melching.....	Jr.....	Steubenville, Ohio.....	
Waranka, John Paul.....	Spec.....	Lutie, Okla.....	
Ward, Ronald Davies.....	Fr.....	Webster Groves.....	St. Louis.
Wasmund, James Marvin.....	Soph.....	Vinitia, Okla.....	
Watkins, Marion Whitfield.....	Jr.....	Memphis, Tenn.....	
Watson, Frank.....	Voc.....	Rolla.....	Phelps.
Weakly, Franklin Eugene.....	Voc.....	Kansas City.....	Jackson.
Webster, Vance Herschel.....	Jr.....	Anderson, Ind.....	
Weigel, Melvin Powell.....	Jr.....	Rolla.....	Phelps.
Weir, Thomas Glover.....	Sr.....	Webster Groves.....	St. Louis.
Weirich, Frederick Adam.....	Fr.....	Spring Bluff.....	Franklin.
Weitzman, Jack.....	Fr.....	St. Louis.....	
Wendell, Everett John.....	Jr.....	Peoria, Ill.....	
Werner, Walter A.....	Jr.....	St. Louis.....	
Wheeler, Ernest Sterling.....	Sr.....	Madrid, Iowa.....	
White, Herbert Vernon.....	Voc.....	Pittsburg, Kan.....	
White, Ralph Patrick.....	Voc.....	Kirksville.....	Adair.
Whitesell, Paul Edgar.....	Fr.....	Martinsville, Ind.....	
Whitlock, Glen N.....	Voc.....	Concord, Ill.....	
Whittelsey, Charles O.....	Fr.....	Castlewood.....	St. Louis.
Whitworth, Virgil Lee.....	Sr.....	Rolla.....	Phelps.
Weimken, William.....	Voc.....	St. Charles.....	St. Charles
Wilburn, Ernest William.....	Voc.....	Kennett.....	Dunklin.
Wiese, Helen Mae.....	Unclass.....	Rolla.....	Phelps.
Wilkerson, Augustus Benton.....	Jr.....	Aurora.....	Lawrence.
Wilkerson, Herbert Lyndon.....	Voc.....	Bolivar.....	Polk.
Williams, Charles.....	Voc.....	Licking.....	Texas.
Williams, Frank Everett.....	Voc.....	Charleston.....	Mississippi.
Williams, Frank Leonard.....	Voc.....	Paola, Kan.....	
Williams, Gordon Francie.....	Voc.....	Wichita, Kan.....	
Williams, Walter Thomas.....	Voc.....	Towanda, Kan.....	
Williams, William Don.....	Spec.....	Vinita, Okla.....	
Wilson, Edward Ernest.....	Voc.....	Rolla.....	Phelps.
Wilson, Otho Melvin.....	Fr.....	Rolla.....	Phelps.
Wilson, Ray Otis.....	Soph.....	Rolla.....	Phelps.
Windsor, Paul Donovan.....	Sr.....	Paris.....	Monroe.
Wolfe, Nicholas.....	Voc.....	Monett.....	Barry.
Wolverton, Thatcher Siprell.....	Voc.....	Boulder, Colo.....	
Woolford, Henry Daniel.....	Voc.....	St. Louis.....	
Woolrych, Edmond Hugh.....	Grad.....	Rolla.....	Phelps.
Worley, Joseph.....	Jr.....	Noblesville, Ind.....	
Wright, Wilford Stillman.....	Soph.....	Sedalia.....	Pettis.
Wyman, Glen Sherman.....	Sr.....	Kansas City.....	Jackson.

Name	Year	Postoffice	County
Yampolsky, Frank.....	Voc.....	St. Louis.....	Phelps.
York, Walter Delbert.....	Voc.....	Flat.....	
Young, Charles Earl.....	Voc.....	St. Louis.....	
Zeller, George August.....	Jr.....	St. Louis.....	Cole.
Zevallos, Robert Caverio.....	Jr.....	Callao, Peru, S. A.....	
Zimmerman, Charles Andrew.....	Voc.....	Jefferson City.....	
Zimmerman, Dessiderius.....	Jr.....	St. Louis.....	Jackson.
Zink, Robert Earl.....	Voc.....	Independence.....	
Zogg, Martin Florian.....	Voc.....	Rolla.....	
Zoller, Henry Eugene.....	Jr.....	Tulsa, Okla.....	Phelps.
Zook, Samuel Irwin.....	Jr.....	Buffalo, Kan.....	

Voc.—Vocational, U. S. Veteran Bureau.

Spec.—Special. ~~623~~

Unclass.—Unclassified.

## SUMMARY, ENROLLMENT BY DIVISIONS

JANUARY 1 TO DECEMBER 31, 1921

College of Agriculture	{	Four-year curricula.....	603	}	1,025
		Two-year non-collegiate curric- ulum.....	212		
		U. S. Government, non-collegi- ate.....	210		
College of Arts and Science.....					2,581
School of Business and Public Administration.....					178
School of Education.....					543
School of Engineering	{	Collegiate.....	610	}	647
		U. S. Govt., non-collegiate....	37		
Graduate School.....					271
School of Journalism.....					298
School of Law.....					166
School of Medicine.....					114
School of Mines and Metallurgy (at Rolla), duplicates collegi- ate enrollment.....					194
Total net collegiate enrollment	{	Columbia.....	5,170	}	5,545
		Rolla.....	375		
Total non-collegiate enrollment	{	Columbia.....	459	}	734
		Rolla.....	275		
Total net enrollment	{	Columbia.....	5,629	}	6,279
		Rolla.....	650		



# DEGREES, CERTIFICATES AND HONORS— COMMENCEMENT, 1921

## AT COLUMBIA

### DEGREES

#### College of Arts and Science

##### *Degree of Bachelor of Arts (A. B.)*

Petronio Zosimo Alava	Newton Tennis Gottschall (as of the class of 1920) (in absentia)	Henry Allen Reisman (as of the class of 1920) (in ab- sentia)
Frank Oscar Anderson	Irwin Silas Gregory	Oscar Renn
Leman Elmore Atherton	Marguerite Grolton (as of the class of 1920)	Eugenia Roach
Joseph Backlar	Jane Helen Hackney	Francis Verdeil Roberts
Lester Bailey (as of the class of 1920)	Henry Minor Harford	Charles Archibald Rodgers
Katherine Bain (as of the class of 1920)	John Ruskin Hawkins (as of the class of 1920) (in ab- sentia)	John Harvey Roney (as of the class of 1920)
Rose Altha Baker	Mildred Henderson	Frances Bruce Ross
Franklin Coleman Banner	James Baird Herndon, Jr. (as of the class of 1920) (in absentia)	Ruth Gertrude Rusk
Emile Ellsworth Beatty	Frank Raymond Hickerson	Albert Carl Saeger (as of the class of 1920) (in ab- sentia)
Frank E. Belden	Jessie Mildred Howell	Sigurd Carl Sandzen (in ab- sentia)
Edna Bickley	Hsu-Sheng Hua	Sam A. Schell
Marvin Lee Bills	Roland Oscar Humphrey	George Philip Scott (as of the class of 1920)
Arthur Moore Brackett (as of the class of 1920)	Joseph Tomlinson Hunt (as of the class of 1920) (in absentia)	Pemala Harrison Shackel- ford
Thaddeus Reamy Brenton	Frank Larkin Hussey	Benjamin Rice Shore, Jr (as of the class of 1920) (in absentia)
Laura Lou Brookman	Flavia Mary James	Laura Smith
Mona Bernice Brown	Eleanor Maughs Jameson (as of the class of 1920) (in absentia)	Tucker Powell Smith
Parke Kinnear Bryan	Harriet DeGraff Johnston	Ruth Spangberg
Ruth Buck	Jacob Kaminsky (as of the class of 1920) (in absentia)	Elizabeth Ann Spencer
Ben May Bull	George Henry Klinkerfuss	Cynthia Violette Starr
Eugenia Gertrude Burke	Isadore Dewey Koslosky	Margaret Stierlin
Thornton Caverly Cash	Louise Churchill Lacy	Harold Jeptha Stipe
Ruth Cauthorn	Harry Clemens Lapp	Rider Stockdale
Edwin French Cave (as of the class of 1920) (in ab- sentia)	Viola Virginia Law	Mamie Shale Strop (as of the class of 1920)
Lucile Chevalier	Isidore Jesse Lehman	Eldred Victor Thiehoff
Carl Sloan Chilton (as of the class of 1920)	Marjorie Looney (as of the class of 1920)	Miriam Thurman (as of the class of 1920) (in ab- sentia)
Mary Hasseltine Chorn	Corinne Godfrey Mackey	Anton Arnold Tibbe, Jr.
Oscar Dwight Clark	John Griffith Madden (in absentia)	Simon Ching Tu
Ralph Ringo Coffey (in ab- sentia)	Rheasa May Madden (as of the class of 1920) (in ab- sentia)	May Estes Turner (as of the class of 1920)
Meyer Cohen	Norman Francis Main (as of the class of 1920) (in absentia)	Vitula Van Dyne
Mary Isabel Coons	Harold Parsons Marley	Theorode Sessinghaus Vick- roy
Henry Dye Crowe	Wesley Henry Maurer	Barnard Von Hoffman
Hiram Meyrick Curry	Benedict August Moranville	Evelyn Calvin Voss
Mary Hughes Damrell (as of the class of 1920)	Orr Mullinax (in absentia)	Nell Walker (in absentia)
Anna Davidman (as of the class of 1920)	Elizabeth Anderson Mc- Cowan (as of the class of 1920)	Helen Wilbur Wamsley
Joseph Potter Davies	John William McHaney	Harry Allen White
Mary Sudarth Dearing	Amelia Catharine Palmer	Paul Rowland Whitener
William McKinley Deaton (in absentia)	William Bahlmann Parker	Alice Wiedmer
Clarence Gilman Drum	Marjorie Patterson	Helen Gazena Wilkins
Samuel Edward Duff	Stella Mae Pennington	Irma Willbrand
Neil Emler Eckelberry	Chester Julius Peters	Helen Davault Williams (as of the class of 1920)
Fred Charles Edwards, Jr. (as of the class of 1920) (in absentia)	Helen M. Peters	James Steele Williams
John Franklin Evans, Jr. (as of the class of 1920)	Katherine Flournoy Pon- tius	Powell Huntoon Williams
Jose Marie Facultad	Clarence Albert Powell	Roy G. Williams
Rodney Montfort Fairfield (as of the class of 1920) (in absentia)	Dannett Ruth Pratt	Sarah Anna Wilson (as of the class of 1920)
Mary Lee Paris	Nita Irene Pursell (as of the class of 1920) (in ab- sentia)	Louis Edward Wolf
James Albert Forsen	Minnie Rabinowitz	Ruth Keeling Woodworth
Georgia Pearl France		Charles Omega Wright
Mildred Muriel Gabbert (as of the class of 1920) (in absentia)		Carle Clark Zimmerman, with honors in Sociology (as of the class of 1920) (in absentia)
Joseph Wasson Gale		Francis Louise Zimmerman
Ben Loren Gately		
Ruth Lola Giffen		

## College of Agriculture

### 1. Degree of Bachelor of Science in Agriculture (B. S. in Agr.)

Mrs. Edward Abbott  
Nathan H. Allen  
William Tucker Angle  
Millard Castle Bahr  
Garrett M. Barnhart  
Robert Hugh Bawbell  
Henry Theophilus Brawley  
(in absentia)  
Charles Emmett Brown  
Eliphalet Marion Brown (in  
absentia)  
George Moore Browning  
Elwyn Loomis Cady  
Margaret Zerfoss Cassel  
James Edgar Crosby, Jr.  
William Newton Collins  
Harold Estabrook Cunn-  
ham  
Vincil Hillbrant Davis  
Carl George Deuber  
John B. Drake  
Russell G. Elliott  
Robert D. Evans  
David Victor Fette  
Jasper Ross Fleetwood  
Hopewell Daniel Fox  
Benjamin H. Frame  
James Thomas Gibbs, Jr.  
John Guy Gibson

Alexander F. Goepel (in ab-  
scentia)  
Alphonso Gorrell  
Harvey D. Harmon  
Kenyon G. Harmon  
Glenn Stephenson Hillhouse  
Charles Nelson Hillix (in  
absentia)  
Katherine Marie Hogue  
Wesley W. Hoy  
Ernest T. Itschner  
William Lee James  
Esther Eliza Jones  
Bascom M. King  
Arthur Oscar Kircher (in  
absentia)  
Edward Michael Kolb  
Ira E. Kunkel  
Florence Linthacum  
Charles Edward Lucas (in  
absentia)  
Alex Wendell Luke, Jr.  
James Thurman Mackey  
(in absentia)  
Ray S. Marsh  
Edwin Archibald Mayes  
Harry Franklin Messick  
Joseph Fay Minnis  
John Uel Morris

Orville C. McBride  
Chauncey Arthur McCaule  
William Virgil McFerrin  
Stanley Rex McLane  
Roy Preston McWilliams  
George Calvin Ogle  
Earl Marvin Page  
Ernest L. Peter (in absentia)  
Kyle Raymond Peterson  
Karl F. Petsch  
Owen Pollock  
Lloyd Russell Redd  
Maurice Joseph Regan  
Will N. Rippey  
Benjamin Thomas Rodgers  
(in absentia)  
Charles I. Skouby  
Raymon S. Springgate  
Claude Elmer Stuckey  
Cary Dean Thorp  
George Albert Tumbleson  
(in absentia)  
Frank B. Veatch, Jr. (in ab-  
scentia)  
Robert Lynn Ward  
Umamatsu Watada  
Ross C. Wheeler  
Ernest Melvin Woods (in  
absentia)

### 2. Degree of Bachelor of Science in Forestry (B. S. in For.)

Sam R. Broadbent (in ab-  
scentia)

Charles Burdett Green (in  
absentia)

Charles Wade Simmons (in  
absentia)

## School of Education

### Degree of Bachelor of Science in Education (B. S. in Ed.)

Lola Anderson (in absentia)  
Frank Archibald Andrews (in  
absentia)  
Lee D. Ash  
Alberta Austin  
Mary M. Baxter (in ab-  
scentia)  
Mrs. Pearl Burnham Beau-  
champ, A. B.  
Catherine Elizabeth Bed-  
ford  
Maggie Leo Bell  
Frances Benning  
Sylvia Laurie Billings (as of  
the class of 1920) (in ab-  
scentia)  
Fern Odette Boan  
Margaret Catherine Bogart  
Mary Palmer Boyer  
Clara Levona Brown (as of  
the class of 1920) (in ab-  
scentia)  
Nellie Grace Brown  
Ethel Louise Cabell  
Anna Margaret Cameron  
Jesse Lora Carney (as of  
the class of 1920)  
Lydia Irliva Casto (as of  
the class of 1920) (in ab-  
scentia)  
Irene Christie (as of the  
class of 1920)  
Dorothy Clark  
Ada M. Cole  
Halbert Floyd Coonrod (as  
of the class of 1920)  
Lela C. M. Cox, A. B. (in  
absentia)  
Christine Cravens (in ab-  
scentia)  
Elizabeth Darby  
Vest Davis (in absentia)

Mary Frances Dawson (in  
absentia)  
Gladys Elizabeth Deacy  
Susie Frakes Dean, A. B.  
(as of the class of 1920)  
(in absentia)  
Isaac J. Deck (in absentia)  
Gustav John Dippold  
Madaline Donohoo (as of  
the class of 1920) (in ab-  
scentia)  
Clara C. Evans (as of the  
class of 1920) (in ab-  
scentia)  
Leta Marie Fairbairn  
Blanche Farmer  
William Woods Fellows (in  
absentia)  
Alma Finley (as of the class  
of 1920) (in absentia)  
Lena Murrell Freels  
Lois Waitstill Frick  
Mary Julina Fulton (as of  
the class of 1920)  
Carl Rees Gentry  
Winnie Gibbs (as of the  
class of 1920)  
Myrl Mills Gibson  
Lev-Ellen Clark Gilliam  
Mrs. Darryl W. Goode (in  
absentia)  
James Wade Graham (as of  
the class of 1920) (in ab-  
scentia)  
Grace Graves (in absentia)  
Elsie Mary Greenlee  
Mary Catherine Hanna (as  
of the class of 1920)  
Louise Harrington  
Mary Eloise Harris  
Caroline E. E. Hartwig  
Margaret Ann Hawkins

Ida Hawman (as of the class  
of 1920) (in absentia)  
Emily Hensley (as of the  
class of 1920) (in ab-  
scentia)  
Pearl Beatrice Herren (as  
of the class of 1920) (in  
absentia)  
Ruth Higginbottom  
Hazel Hill (as of the class  
of 1920) (in absentia)  
Mary Edith Hill  
Jessie Mildred Hughes  
Anna Hulett  
John Wildeboon Hurst (as  
of the class of 1920) (in  
absentia)  
Courtney M. Jackson (in  
absentia)  
Flo May Johnson  
John Harry Jordan (in ab-  
scentia)  
Floy Joslyn  
Hope Joslyn  
Paulina Ruth Keith (as of  
the class of 1920)  
Ada Marie Kelly, A. B. (as  
of the class of 1920) (in  
absentia)  
Mary M. Keller  
Sarah Katherine Kerr  
Verna E. Kline  
Anna Ruth Liebst  
Eva H. Livesay  
William Raimen Lowry  
Mrs. Isabelle Wade Lyda  
(as of the class of 1920)  
Eleanor Reed Maclay (as of  
the class of 1920) (in ab-  
scentia)  
Juan Maddox (as of the  
class of 1920)



Anna Maher (as of the class of 1920)  
 Edna Estelle Maitland (as of the class of 1920) (in absentia)  
 Helen Marbut  
 Edwin H. Mecker (as of the class of 1920)  
 Lena C. Meierer  
 Icy Maud Miles  
 Lillian Ethel Miller  
 Edith Monroe (as of the class of 1920) (in absentia)  
 Agnes Bland Moore  
 Eva Lura Moore (as of the class of 1920) (in absentia)  
 Kathryn A. Morrow  
 Helen Katherine Morse  
 Catherine Adelia Mumford  
 Arria L. Murto  
 Edna Jane Musick (in absentia)  
 Letitia Louise McGee  
 Mary Ashbury McKay (as of the class of 1920)  
 Marjorie Helen McLachlan, A. B. (as of the class of 1920)  
 Anna McMurtry (as of the class of 1920) (in absentia)  
 Annie Garner Neale (as of the class of 1920) (in absentia)  
 Gaynell Neff (in absentia)  
 Ernest H. Newcomb (in absentia)  
 Sallie Pattinson (as of the class of 1920)

Marie Parker  
 Kathryn Frances Parr (as of the class of 1920) (in absentia)  
 Clarissa Estella Patterson (as of the class of 1920) (in absentia)  
 Mary McKenzie Peck (as of the class of 1920) (in absentia)  
 F. Ruth Phillipi  
 Anna Lou Piggott  
 Lucille Pontius  
 Evelyn Durette Prather  
 Joseph Gilbert Pummill (as of the class of 1920) (in absentia)  
 Mayme Ratekin (as of the class of 1920)  
 Ruth Rachel Reilly  
 Anna M. Rhodes  
 Lucille Bennett Rice (as of the class of 1920) (in absentia)  
 Elizabeth Clare Rippey (in absentia)  
 Matilda Clara Schafer  
 Mary A. Shockley  
 Helen Slavens (as of the class of 1920) (in absentia)  
 Lillie Blanche Smith  
 Marvel Smith  
 Zoe Ethel Smith (as of the class of 1920) (in absentia)  
 Helen Harwood Southern  
 Mrs. Margaret Burrus Squires (as of the class of 1920) (in absentia)  
 Meta Pauline Steiner  
 Henrietta M. Stewart  
 Josephine Stewart  
 Gretchen Stolle (in absentia)  
 Joseph J. Stone  
 Christine Stout  
 Lillian May Strop (in absentia)  
 Doris Swink (in absentia)  
 Roscoe L. Thompson  
 Phoebe E. Thul (as of the class of 1920)  
 Omer Morris Tobias  
 Ernest McClary Todd, B. J., A. B. (as of the class of 1916) (in absentia)  
 Simon C. Tu  
 Mildred Tyler  
 John Lee Vincent (as of the class of 1920) (in absentia)  
 Grace Esther Vinson  
 Alma L. Wade, A. B. (as of the class of 1920) (in absentia)  
 Helen V. Ware (in absentia)  
 Dorothea Warren  
 Ruth P. Warren (as of the class of 1920) (in absentia)  
 Raymond A. Watson (as of the class of 1920)  
 Marie Naomi White (as of the class of 1920)  
 Dorothy Wilson  
 Martha Agnes Wilson  
 Ruth O. Woodward  
 Emily Kathryn Wyant

## School of Law

### *Degree of Bachelor of Laws (LL. B.)*

Herman Barken  
 Harvey Thomas Brock  
 Alpha Nelson Brown  
 William Eugene Crowe  
 Walter Lee Gray (in absentia)

Ralph Edward Murray  
 Irving Chris Neale  
 John P. Randolph  
 George Isaac Shannon  
 Oliver Garner Stewart

Victor S. Weber  
 Joseph Lieb Weiner  
 Joseph Thompson Uptegrove

## School of Journalism

### *Degree of Bachelor of Journalism (B. J.)*

Stanley Andrews  
 Elizabeth Atteberry (as of the class of 1920)  
 Roswell Gregg Armstrong  
 Lee Pemberton Blattner  
 Laura Lou Brookman (as of the class of 1920)  
 Frances Ray Chapman (as of the class of 1920)  
 Marvin Howard Crawford (in absentia)  
 Dorothy Dunn  
 Betty Etter  
 Loula Franklin  
 Walter Wright Gibbany, B. S. in Ed.  
 Moss Gill, B. S. in Agr.  
 Grace Lucille Gross  
 Enoch Arden Guthrie (in absentia)  
 Alfreda Halligan  
 Thomas Benedict Hammond  
 Morris James Harris (in absentia)

Roberta Lee Howell, B. S. in Ed. (as of the class of 1920)  
 Georgia Faye Johannes  
 Sarah Elizabeth Johnson  
 Mildred Keogh (as of the class of 1920) (in absentia)  
 Calvin Pollard Liter  
 David Goldsmith Loth, Jr. (as of the class of 1920) (in absentia)  
 Harry Joshua Ludi (as of the class of 1920) (in absentia)  
 Vincente Rosendo Marfori  
 Lucille Meinhofer  
 May M. Miller (in absentia)  
 Donald Mackenzie Mumford  
 Henry Leake McCauley  
 John Sloane McCauley, Jr.  
 James Henry McClain (in absentia)

Emil Nathan, Jr.  
 Margerie M. Peabody  
 Ruth Lowrey Prather (as of the class of 1920)  
 Eliseo Quir no (in absentia)  
 Della Benton Richards  
 Frances Allene Richardson, A. B.  
 Mildred Roetzel  
 Jackson Volney Scholz (as of the class of 1920) (in absentia)  
 Ralph Lee Simpson  
 Selma Stein  
 Josephine Stewart  
 Estella Ruth Taylor (in absentia)  
 Beatrice Celeste Watts (as of the class of 1920) (in absentia)  
 Raymond D. F. Waye (as of the class of 1920) (in absentia)  
 Melville Alfred Woodbury  
 Ella Minerva Wyatt



## School of Engineering

### 1. Degree of Bachelor of Science in Engineering (B. S. in Eng.)

Leon Hanssen Albus  
William Walter Aulepp  
William Hobart Austry  
Arthur F. Barnes  
Carl Ercell Baumgarten  
Ralph Herman Baxter  
Joseph Rodman Black (in  
absentia)  
Henry Abijah Belden  
Wilfred Leroy Blenden  
Lee Austin Craig  
Monro Moss Davis  
Herbert Cecil Draper  
Walter J. Eddlemon  
Monroe E. Epstein  
Walter W. Garth

David Goldberg  
Charles Douglas Grady  
William M. Groves, Jr.  
Merritt Sams Gwinn  
Thomas P. Halley  
Frederick Thole Harvey  
Delmar Hasenritter  
Frank Hefner  
Ben Miles Hogan  
Mason S. Hogan  
Glittner E. Ingles  
William Charles Jackson  
Robert Lawrence Lam  
Judd Wellman Moody  
Ralph A. Munkers  
Donovan M. McSpadden

Jim Bill Reid  
Orin Frederick Rothmeyer  
Oscar J. Rotty  
John William Rowley  
Virgil B. Saville  
Almer Edwin Schubert  
Charles C. Shumard  
Minor Mulkey Slaughter  
Alexander Dwight Therrien  
(in absentia)  
James Mueller Vanston  
Mason Vaughn  
William C. Wheeler  
James Lorris Woods  
Jim Robert Yeager

### 2. Degree of Chemical Engineer (Ch. E.)

Gerald Frederick Brecken-  
ridge

Erskine Shearer Longfellow  
(in absentia)

### 3. Degree of Mechanical Engineer (M. E.)

Joseph Horace Pound (in  
absentia)

## School of Business and Public Administration

### 1. Degree of Bachelor Science in Business Administration (B. S. in Bus. Admin.)

Charles Percy Ballard (in  
absentia)  
John Coit Brackett  
John Henry George Cooper  
Ewart Attebury Crowe  
Herbert Harry Daniels  
Theo Avery Deal  
John Calvert Paris, Jr.  
Ralph Whitelaw Fischer (in  
absentia)  
John I. Haldeman (in ab-  
sentia)

Monard Vinson Hayes (in  
absentia)  
Victor James Marshall Hin-  
ton  
Ross Dean Hogan  
Chester George Jaeger  
Clarence Merle Kemp  
Golder Francis Kerr  
Herman J. Magee  
Earl Winfield Mounce  
George Bueker McCowen

James Wilson McGregor, Jr.  
Lee Hunter Riley  
Frank Appleby Robinett  
Theodore Sessinghaus Vick-  
roy  
Bernard Von Hoffman  
Hazel Marie Warshaw (in  
absentia)  
Otto Leonard Weber  
Wiley Paul Wilkerson (in  
absentia)

### 3. Degree of Bachelor of Science in Public Administration (B. S. in Pub. Admin.)

Margaret Lowry Hobbs

George Walter Smokey

## Graduate School

### 1. Degree of Master of Arts (A. M.)

Lewis Grover Abernathy  
B. S., Central College, '12  
M. S., Central College, '13  
Elbert Frank Allen  
A. B., Indiana State Normal, '15 (in ab-  
sentia)  
Lester Bailey  
A. B., University of Missouri, '20  
Franklin Coleman Banner  
B. J., University of Missouri, '20  
Margaret Mary Bostian  
B. S. in Ed., University of Missouri, '18  
Margaret Zerfoss Cassel  
B. S. in Agr., University of Missouri, '21  
William Dean Collier  
A. B., University of Missouri, '19  
Julia Dale  
A. B., Transylvania College, '14  
Lawrence Wheeler Demuth  
A. B., University of Missouri, '20  
Harl Roy Douglass  
B. S. in Ed., University of Missouri, '15  
(in absentia)  
Theodore Edward Friedmann  
B. S., Oklahoma Agricultural and Me-  
chanical College, '15

Roy Holmes Hall  
B. S. in Agri., University of Missouri '17,  
John Leslie Handley  
A. B., University of Missouri, '20  
Robert Elish Hurt  
B. S. in Ed., University of Missouri, '17  
(in absentia)  
Myron Slade Kendrick  
A. B., University of Missouri, '18 (in ab-  
sentia)  
William Floyd Knox  
B. S., Drury College, '13  
Herbert Frick Kriege  
B. S., Central Wesleyan College, '16  
John Curtis Lappin  
A. B., Phillips University, '13  
B. S., Phillips University, '18 (in absen-  
tia)  
Valeria Pearl Lappin  
A. B., Phillips University, '18  
Mary Engleton Lear  
A. B., University of Missouri, '16  
B. S. in Ed., University of Missouri, '16  
Orrin Wolcott Letson  
B. S. in Agr., University of Missouri, '20

## Graduate School—Continued.

- Ralph Loomis  
B. S. in Agr., University of Missouri, '13
- Amanda Luef  
A. B., Central Wesleyan College, '14 (in absentia)
- John H. Mueller  
A. B., University of Missouri, '19
- Lee Horace McFarlan  
B. S. in Ed., Kansas State Normal, '17 (in absentia)
- Marjorie Helen McLachlan  
A. B., University of Missouri, '20  
B. S. in Ed., University of Missouri, '20
- Ross Allan McReynolds  
A. B., University of Missouri, '20
- Eulalie Pape  
A. B., University of Missouri, '17  
B. S. in Ed., University of Missouri, '18
- Virgil Francis Payne  
A. B., Westminster College, '16 (in absentia)
- James Alfred Quinn  
A. B., University of Missouri, '17
- Samuel Courts Redford  
A. B., Oklahoma Baptist University, '20
- Richard B. Rutledge  
A. B., University of Missouri, '17
- William Davis Salmon  
B. S. in Agr., University of Kentucky, '20
- Florence W. Schaper  
B. S. in Ed., University of Missouri, '20
- John Grafton Scott  
A. B., University of Missouri, '09  
B. S. in Ed., University of Missouri, '09 (in absentia)
- James Clifford Shirley  
A. B., Phillips University, '17 (in absentia)
- Hugh Miller Spencer  
A. B., University of Missouri, '19
- Charles Wesley Turner  
B. S. in Agr., University of Wisconsin, '19
- Maurice Eldred Votaw  
B. J., University of Missouri, '19
- Charles Omega Wright  
A. B., University of Missouri, '20

## 2. Degree of Doctor of Philosophy (Ph. D.)

- Bruce L. Melvin  
B. S. in Ed., University of Missouri, '16  
A. M., University of Missouri, '17
- Dissertation: Structure and Function of American Agricultural Village.

## School of Medicine

## Two-Year Certificates

- Petronio Zosimo Alava  
Frank Oscar Anderson  
Joseph Backlar  
William Leslie Bradford  
Ada Elizabeth Brainard  
Oscar Dwight Clark  
Anna Davidman
- Ben Robert Dysart  
Neil Emler Eckelberry  
Hugh Jennings Evans  
Jose Maria Facultad  
George Van Feist  
James Albert Forsen  
Joseph Wasson Gale
- Franklin Larkin Hussey  
George Henry Klinkerfuss  
Harry Clemens Lapp  
Samuel Thompson Lindsay  
Roy Glenwood Spurling  
Harry Allen White  
Roy G. Williams

## School of Education

## 1. Certificate to Teach for Two Years

- Alberta Austin  
Henry Newburn Barlow  
Roberta Louise Barnett  
Helen F. Boswell  
Verna Marie Bradford, A.B.  
Lenora June Clough  
Ruth Collins  
Christine Nilsson Cravens  
Essie Olebia Cuthbertson  
Anna Margaret Cuthbertson  
Mary Hughes Damrell  
Vest Davis
- Ruth Lola Giffen  
Francis Waller Hancock  
Kenyon G. Harmon  
Mary Eloise Harris  
Wilhelmina R. Herwig  
Katharine Rebekah Hillix  
Lois G. Hodges  
Mildred Hudson  
Mildred E. Hutchison  
Kathryn Jamison Journey  
Louise Churchill Lacy  
Charles Edward Lucas  
Frances Booth Moore
- Mattie B. Murphy  
William Virgil McFerrin  
Laura Catherine Pickel, A. B.  
Anna Lou Piggott  
Lucille Augusta Royston  
Pauline R. Sensintafer  
William Frank Sylvester  
Cary Dean Thorp  
Flotie Waggener  
Ruby Walker  
Johanna Bertha Julia Werth

## 2. Life Certificates to Teach.

- Edward Randolph Adams,  
B. S. in Ed.  
Alberta Austin  
Mary M. Baxter  
Mrs. Pearl Burnham Beauchamp, A. B.  
Catherine Elizabeth Bedford  
Maggie Lee Bell  
Frances Benning  
Sylvia Laurie Billings  
Margaret Catherine Bogart  
Nellie Grace Brown  
Ethel Louise Cabbell  
Anna Margaret Cameron  
Jesse Lora Carney
- Lydia Irlivia Casto  
Irene Christie  
Dorothy Clark  
Ada M. Cole  
Lela C. M. Cox, A. B.  
Elizabeth Darby  
Mary Frances Dawson  
Gladys Elizabeth Deacy  
Madaline Donohoo  
Clara C. Evans  
Leta Marie Fairbairn  
Blanche Farmer  
William Woods Fellows  
Alma Finley  
Lena Murrel Freels  
Lois Waltstill Frick
- Mary J. Fulton  
Carl Rees Gentry  
Myrl Mills Gibson  
Lev-Ellen Clark Gilliam  
James Wade Graham  
Grace Graves  
Elsie May Greenlee  
Mary Catharine Hanna  
Louise Harrington  
Caroline E. E. Hartwig  
Margaret Ann Hawkins  
Ida Hawman  
Mildred Henderson  
Emily Hensley  
Pearl Beatrice Herren  
Ruth Higginbottom

## School of Education—Continued.

Hazel Hill	Helen Katherine Morse	Helen Russell
Mary Edith Hill	Arria L. Murto	Mary E. Shockley
Jessie Mildred Hughes	Edna Jane Musick	Helen Slavens
Anna Hulett	Letitia Louise McGee	Lillie Blanche Smith
Courtney M. Jackson	Mary Asbury McKay	Marvel Smith
Flo May Johnson	Marjorie Helen McLachlan,	Zoe Ethel Smith
Floy Joslyn	A. B.	Helen Harwood Southern
Hope Joslyn	Anna McMurtry	Mrs. Margaret Burrus
Paulina Ruth Keith	Annie Garner Neale	Squires
Mary M. Keller	Gaynel Neff	Henrietta M. Stewart
Ada Marie Kelly, A. B.	Marie Parker	Josephine Stewart
Sarah Katherine Kerr	Kathryn Frances Parr	Joseph J. Stone
Verna E. Kline	Clarissa Estella Patterson	Christine Stout
Anna Ruth Liebst	Sallie Pattinson	Lillian May Strop
Eva H. Livesay	Mary McKenzie Peck	Phoebe E. Thul
Mrs. Isabella Wade Lyda	Anna Grace Pence, A. B.,	Mildred Tyler
Eleanor Reed Maclay	A. M.	John Lee Vincent
Juan Maddox	F. Ruth Phillipi	Grace Esther Vinson
Anna Maher	Anna Lou Piggott	Alma L. Wade, A. B.
Edna Estelle Maitland	Evelyn Durette Prather	Helen V. Ware
Helen Marbut	Mayme Ratekin	Dorothea Warren
Edwin H. Mecker	Ruth Rachel Reilly	Raymond A. Watson
Icy Maud Miles	Anna M. Rhodes	Marie Naomi White
Lillian Ethel Miller	Lucille Bennett Rice	Dorothy Wilson
Edith Monroe	Elizabeth Clare Rippey	Martha Agnes Wilson
Agnes Bland Moore	Celestine E. Roach	Ruth O. Woodward
Eva Lura Moore	Ruth Rumsey	Emily Kathryn Wyant
Kathryn A. Morrow		

## SCHOOL OF MINES AND METALLURGY (AT ROLLA)

## DEGREES

*Bachelor of Science in Mine Engineering*

Hyman Isadore Albert	Harold Waller Hurd	William Ferdinand Netze-
Harold Leland Bailey	Henry William Hurst	band
William Hampton Baxter	Robert Eugene Illidge	Howard Oliver Norville
Karl William Booker	William Weaver Keeler	Felipe Buenaventura Ore.
Carroll Preston Burford	Homer Chalmers Kerr	Nathan Packman
Kuang Yu Chang	George Alfred Kroenlein,	William Clark Powell
Lawrence Collins	B. S., '20	William Reed Quillam
Lewis Ely Davidson	Napoleon Bonaparte Larsh	Theodore Clayton Sherwood
August Francis Delaloye	Heng Yung Ma	Edwin Allsop Slover, B. S.,
John Ray Fiedler	Edwin Lawrence Miller, Jr.	'20
Percy Grant Forman	Charles Roderick Mize	William Lincoln Stewart, Jr.
Meyer Gollub	Herbert William Mundt	Richard John Stroup
Abner Decker Hahn	Herman Jacob Mutz	Robert Knox Stroup
Homer Archer Hollingshead	Albert Booth Needham	James Mortimer Wilson
Russell Wayne Hunt		Joseph Martland Wilson

*Bachelor of Science in Metallurgy*

Arthur Lee Cairns	John Gaines Miller	Samuel Norman Shanfield
Wayman Crow	Robert Lee Mook	Hsin Pu Shih
Richard Love Johnson	Joseph Herman Rohloff	Robert Newton Stubbs, Jr.

*Bachelor of Science in Civil Engineering*

Jules Philip Colbert	Anvil Clark Williams
----------------------	----------------------

*Bachelor of Science in General Science*

George Barnett Bloom	Robert Bruce, Jr.	Frederick William Shaw,
		M. D.

*Bachelor of Science in Electrical Engineering*

Vern Ivan Keeter	Lloyd Earl Lumpkin	Milton Wardwell Wallace
------------------	--------------------	-------------------------

*Bachelor of Science in Chemical Engineering*

Marion Smith Badollet	Albert Charles Laun	Barney Nudelman
Victor Kopple Fischlowitz	Charles James Millar	Earnest Wayne Rember
William McKinley Kahl-	Samuel Leonard Nevedom-	Huston Taylor
baum	sky	

*Master of Science in Mine Engineering*

John Hyer Bowles, B. S.,	Lewis Ely Davidson, B. S.,	William Walbridge Weigel,
'08	'21	B. S., '20



*Master of Science in Chemical Engineering*

Marion Smith Badollet, B. S., '21      Barney Nudelman, B. S., '21

*Master of Science in General Science*

Georgena Josephine Clark, B. S.      Samuel Horace Lloyd, A. B.      Frederick William Shaw  
M. D. .B. S., '21

*Engineer of Mines*

John Hyer Bowles, B. S., '08      Harry Albert Kluge, B. S., '18      Lawrence Joseph Zoller  
B. S., '18  
Raul Chavez, B. S., '18      John Charles Miller, B. S., '16      William Henry Kamp, B.  
S., '07  
James Joseph Dowd, B. S., '16

*Metallurgical Engineer*

Frederick Grotts, B. S., '16      Albert Leo Trent, B. S., '15

*Civil Engineer*

Edgar Carl Moritz Burkhardt, B. S., '18



# INDEX TO CATALOG, 1921-22

## —A—

Acceptance of credits, 22  
 Accredited schools, 32-36  
 Accredited junior colleges, 37  
 Additional credit, 37  
 Administration, Officers of Instruction and,  
     7-13  
 Admission (also see Entrance), 20-39  
     Acceptance of credits, 22  
     Agriculture, 20  
     Arts and Science, 20  
     by certificate, 31-32  
     Business and Public Administration, 21,  
         131  
     Conditions, 21  
     Definition of units, 23  
     Education, 20  
     Engineering, 21  
     from accredited junior colleges, 36  
     from accredited schools, 32  
     from accredited schools in other states, 36  
     from teachers' colleges in other states, 36  
     from other colleges and universities, 37  
     from state teachers' colleges, 36  
     Graduate School, 21, 137  
     Hearers, 37  
     Journalism, 21  
     Mines and Metallurgy, 21  
     Special students, 37  
     Subjects accepted for, 22-31  
     Tabulated statement, 22  
 Advanced standing, 37  
 Advertising, 188  
 Adviser of women, 61  
 Agricultural Chemistry, 151  
 Agricultural Education, 168  
 Agricultural Engineering, 120-121-124, 151-  
     152  
 Agricultural Experiment Station, 90-91  
 Agricultural Extension Service, 92-95  
 Agricultural Journalism, 188  
 Agriculture, College of, 72-89  
     Methods in, 168  
     Vocational, 79  
 Aid to Students, 50  
 Alumni Association, 63  
 Anatomy and Histology, 153  
 Animal Husbandry, 153  
 Archaeology, classical, 161  
     Museum of, 161  
 Art,  
     Exhibit, 162  
     History of, 161  
     Theory and Practice of, 154  
 Artillery, Field, 200  
 Arts and Science, College of, 67-70  
 Assembly, University, 63  
 Assistants, 12  
 Astronomy, 156  
 Athletics,  
     at Rolla, 219  
     Courses, 203-205  
     Fields, 18

## —B—

Bacteriology and preventive medicine, 197  
 Band, University cadet, 41  
 Board, 48, 49  
 Board of Curators, 6  
 Board of Visitors, 6  
 Books, loan of, 142  
 Botany, 156

Buildings,  
     Agriculture, 172  
     Engineering, 116  
     School of Mines, 217  
     University, at Columbia, 17  
 Business and Public Administration, School  
     of, 131-136

## —C—

Cafeteria, 49  
 Calendar University, 1922-1923, 3, 19  
 Certificates and degrees,  
     Commencement, 343-349  
     Medical, 347  
     to teach, life, 347  
     Two-year, 347  
     Two-year Winter Course, 84  
 Chemical engineering, 118-121, 124-157-  
     158  
     at Rolla, 222, 223, 233, 241, 242-244  
 Chemistry, 157-158  
     at Rolla, 242-244  
 Churches, 62  
 Citizenship, 159  
 Civil engineering, 116, 119, 122, 125, 159-  
     161  
     at Rolla, 218, 220, 222, 224, 229, 237  
 Classical archaeology,  
     Courses in, 161  
     Museum of, 161  
 Clinical medicine and surgery, 162  
 College of,  
     Agriculture, 72  
     Arts and Science, 67  
     Commencement, 66, 343-349  
     Commons, 49  
     Contents, table of, 5  
     Co-operative store, 63  
     Corporation, 6  
     Correspondence courses, 140  
     Course Cards, 38  
     Courses,  
         Correspondence, 140  
         Explanation of, 64  
         Graduate School, 137  
         Short course for farmers, 84  
         Short course for men, 84  
         Short Course for women, 87  
         Short course in dairy manufactures,  
         Statement of, 150-216  
         Two-year winter, 84  
 Credits,  
     Acceptance of additional, 22  
     Explanation of, 65  
 Curators, Board of, 6  
     Officers, 6  
     Executive Board,  
         at Columbia, 6  
         at Rolla, 6  
     Scholarships, 53  
 Curricula,  
     Agriculture, College of, 76  
     Agriculture for men, 78  
     Agriculture for women, 81  
     Business and Public Administration, 132-  
         135  
     Engineering, 117-126  
     Law, 106-107  
     Medicine, 112  
     Mines and Metallurgy, 220-241  
     Two-year winter Agriculture course, 84  
     Vocational agriculture, 79  
     Vocational home economics, 98



## —D—

Dairy husbandry, 153-154  
 Dairy manufacture, 88  
 Debating league scholarship, 54  
 Debating material, 142  
 Degrees and certificates, 66  
 Degrees and certificates, Commencement, 1921  
     at Columbia, 343-347  
     at Rolla, 348-349  
 Delinquent students, 66  
 Departmental fees, 41-47  
 Design, mechanical engineering, 195  
 Discipline, 61  
 Dormitory,  
     for men, 48  
     for women, 48  
 Drafting rooms, 17  
 Drawing,  
     Engineering, 172  
     at Rolla, 246

## —E—

Economics and Commerce, 163-165  
 Economics at Rolla, 246, 247  
 Editorial courses, 188  
 Education, courses in, 165-170  
     History and Philosophy of, 165  
     School of, 96-104  
 Educational Administration, 166  
 Educational Psychology, 165  
 Elective system, 67  
 Electives, Arts and Science, 69  
 Electrical engineering, 117, 119, 122, 123, 125, 171-172  
     at Rolla, 220, 222, 226, 232, 240  
 Elementary School, University, 97  
 Elimination of delinquent students, 66  
 Employment bureaus, 50  
 Engineering,  
     agricultural, 120-124, 151-152  
     chemical, 118-121, 124, 157-158  
     civil, 116, 119, 122, 125, 159-161  
     civil, at Rolla, 218, 220, 222, 224, 229-237  
     design, 195  
     drawing, 172  
     electrical, 117, 119, 122, 123, 125, 171-172  
     electrical, at Rolla, 220, 222, 226, 232-240  
     hydraulic, 160  
     industrial, 195  
     mechanical, 195  
     mechanical, at Rolla, 220, 222, 226, 231, 239  
     mining, at Rolla, 220, 222, 223, 227, 234, 235, 236  
     municipal, 160  
     power, 196  
     railway, 159  
     structural, 159  
     testing and experimental, 196  
     topographical, 159  
 Engineering Experiment Station, 127-128  
 Engineering, School of, 116-126  
 English, Arts, 173-175  
     at Rolla, 247  
 English requirements,  
     Arts and Science, 70  
     Journalism, 129  
 Endowment, Agricultural, 72  
 Enrollment, summary of, 342  
 Enrollment, by divisions, 342  
 Entomology, 175  
 Entrance (also see Admission), 30-39  
     Communications, 20  
     Conditions, 21  
     Examinations, 31  
     New Students, 38  
     Study and course cards, 38  
 Equipment, 17, 18  
     Agriculture, 75  
     Education, 96  
     Engineering, 116  
     Law, 105  
     Medicine, 110  
     Military, 148  
     Rolla, 217

Examinations,  
     Entrance, 31  
     Explanation, 65  
     Time of, 31  
 Excursions,  
     Agricultural, 76  
     School of Mines, 220  
 Executive Board at Columbia, 6  
 Executive Committee at Rolla, 6  
 Exemption from fees, 40  
 Expenses, Estimated,  
     at Columbia, 49  
     at Rolla, 219  
 Experiment stations,  
     Agriculture, 90-91  
     Engineering, 127-128  
 Extension centers, 141  
 Extension,  
     division, 140-145  
     Agriculture, 92-95  
     lectures, 141

## —F—

Faculty (also see Officers),  
     University, 7-13  
 Farmers' Week, short course, 89  
 Fees,  
     at Rolla, 219  
     Correspondence courses, 141  
     Departmental, 41-47  
     Diploma, 40  
     Exemption from, 40  
     Late registration, 40  
     Library, hospital and incidental, 40  
     non-resident students, 40  
     Refund of, 41  
 Fellows, 14  
 Fellowships, scholarships and prizes, 52-60  
 Field Crops, 176-177  
 Films, 142  
 Fraternities, 62  
 French, 209

## —G—

General information, 16-66  
 General science curriculum at Rolla, 220, 222, 225, 230, 238  
 Geology, 177  
 Geology and Mineralogy (at Rolla), 248-250  
 Geography, 179  
 Germanic languages, 179  
 Government, students, 61-63  
 Grading, 65  
 Graduate curriculum,  
     for engineers at Rolla, 241  
     in metallurgy, 241  
     in mine engineering, 241  
 Graduate School, 137-139  
 Graduation, requirements for,  
     Agriculture, 77-78  
     Arts and Science, 67-70  
     Business and Public Administration, 132  
     Education, 100-101  
     Engineering, 117, 118  
     Graduate, 138  
     Journalism, 129, 130  
     Law, 106, 107  
     Mines, 220  
 Greek, 180  
 Gregory Educational Fund, 52  
 Grounds,  
     at Columbia, 17  
     at Rolla, 217  
 Gymnasiums,  
     at Columbia, 18  
     at Rolla, 219

## —H—

Hearers, 37  
 High School, University, 96  
 High schools, accredited, 32-36  
 Historical statement, 16  
 History courses, 181-182

Home economics, 182-185  
 Methods in, 69  
 Vocational, 87  
 Honor graduates, admission,  
 from Missouri College Union, 53  
 from state teachers' colleges, 54  
 from secondary schools, 53  
 from accredited junior colleges, 54  
 Honors and prizes in law, 106  
 Horticulture, 185, 186  
 Hospital,  
 care, 51  
 fee, 40  
 Parker Memorial, 113, 114  
 Hour, definition, 64  
 number of, 64  
 Hydraulic engineering, 160  
 Hygiene and Student Health (Rolla), 250

—I—

Industrial Arts, 186, 187  
 Methods in, 169, 170  
 Industrial engineering, 195  
 Information, general, 16-66  
 Instructors, 11, 12  
 Italian, 210  
 Illustration, newspaper, 189

—J—

Junior colleges, accredited, 36  
 Honor graduate scholarships, 53, 54  
 Journalism, School of, 129, 130  
 Agriculture, 189  
 Courses in, 188-190

—K—

Knights of Columbus Home, 63

—L—

Laboratories,  
 Agricultural, 74-76  
 at Columbia, 17  
 at Rolla, 218  
 Engineering, 116, 117  
 Medical, 110  
 Languages,  
 English, 173-175  
 Germanic, 179, 180  
 Greek, 180  
 Latin, 190  
 Modern (Rolla), 248  
 Romance, 209  
 Lantern slides, 142  
 Latin, 190  
 Law, School of, 105-108  
 Courses in, 191-194  
 Curriculum in, 106, 107  
 Law series bulletins, 107  
 Libraries,  
 at Columbia, 17  
 at Rolla, 217  
 Library fee, 40  
 Live stock equipment, 75  
 Location,  
 Columbia, 16  
 Rolla, 217  
 Lodging, 48

—M—

Majors and Minors, 68  
 Masonic Home Scholarships, 54  
 Master of Arts, 137  
 Materials of construction, 160  
 Material for extension use, 142  
 Mathematics, 194  
 Mathematics and Mechanics at Rolla, 250  
 Mechanical engineering, 119, 120, 123, 124,  
 126, 195  
 at Rolla, 220, 222, 226, 231, 239

Mechanics, 197, 250  
 Medals, 60  
 Medical attention, 51  
 Medical bacteriology, 197  
 Medicine, School of, 109-115  
 Memorial Hospital, Parker, 113, 114  
 Metallurgy curriculum, 220, 222, 223, 228,  
 236  
 Metallurgy and ore dressing, 253, 254  
 Meteorology, 198  
 Methods,  
 in Agriculture, 168  
 in Home Economics, 169  
 in Industrial Arts, 169  
 Military School (Military Science),  
 Courses in, 198-201  
 Credit for, 146  
 Required work, 147  
 Statement, 146-148  
 Mineralogy, 248  
 Mines and Metallurgy, School of, 217-257  
 Mining curriculum, 220  
 Mining, 254, 255  
 Missouri College Union, honor graduate  
 scholarships, 53  
 Missouri Union, 63  
 Missouri State Military School, 146-148  
 Modern Languages (Rolla), 248  
 Municipal engineering, 160  
 Municipal reference bureau, 143  
 Museums, 18, 161  
 Music, 201

—N—

New Students, 38  
 News writing, 188  
 Nurses, School for, 114  
 Preliminary course for, 114

—O—

Officers of Board of Curators, 6  
 Officers of Instruction and Administration,  
 Full list, 7-15  
 Organization, 16

—P—

Parker Memorial Hospital, 113, 114  
 Pathology, 202  
 Pharmacology, 206  
 Philosophy, 202  
 Physical education,  
 Courses in, 203-205  
 Required work, 64  
 Physician, University, 51  
 Physics,  
 Arts and Science, 205  
 at Rolla, 255  
 Physiology and pharmacology, 206  
 Points, definition of,  
 Arts and Science, 67, 68  
 Business and Public Administration, 132  
 Law, 106  
 Political science and public law, 207  
 Poultry husbandry, 208  
 Power application, 196  
 Power engineering, 196  
 Preventive medicine, 197  
 Prizes,  
 Chi Omega, 59  
 Menorah, 59  
 Military, 59  
 Missouri Society of Japan, 60  
 Weekly Review of the far east, 59  
 William Mack, 59  
 William J. Bryan, 59  
 William Volker, 59  
 Psychology, 176  
 Educational, 165  
 Publications, 19  
 Public health laboratory, 110

## —R—

Railway engineering, 159  
 Read Hall, 48  
 Recommendations, Committee on, 99  
 Refund of fees, 41  
 Registration,  
   Fees, 40  
   Late, 38  
   New Students, 38  
   Time of, 38  
 Regulations governing student activities, 61  
 Regulations, grades and degrees, 64  
 Religious influences, 62  
 Reports to parents, 66  
 Reporting, 188  
 R. O. T. C., 146  
 Residence requirements,  
   in Arts and Science, 71  
   in Education, 100  
 Rolla, School of Mines, 217-257  
 Rollins Aid Fund, 50  
 Romance Languages, 209  
   French, 209  
   Italian, 210  
   Spanish, 210  
 Rooms, 48  
   Cost, 48  
   Deposits, 48  
   for women, 48  
   Private, 49  
   Regulations of, 49  
   Rent, 49  
 Rural life, 210

## —S—

Scholars, University, 14  
 Scholarships and fellowships, 52  
   Agricultural research, 52  
   American citizenship, 55  
   Isaac Hinton Brown, 57  
   Curators, 53  
   Debating, 54  
   Eugene Field, 56  
   Frank P. Blair, 55  
   Graduate, 53  
   Gregory, 52  
   Senior, 55  
   Freshman, 55  
   J. L. Torrey, 57  
   James S. Rollins, 57  
   Sharples, 58  
   John W. Jewell, 57  
   Karnes, 57  
   Masonic Home, 54  
   Odd Fellows' Home, 54  
   Peabody, 52  
   Rhodes Clay, 55  
   S. H. Ford, 57  
   United Daughters of Confederacy, 56  
   University, 52  
 School of,  
   Business and Public Administration, 131-136  
   Education, 96-104  
   Engineering, 116-126  
   Graduate, 137-139  
   Journalism, 129-130  
   Law, 105-108  
   Medicine, 109-115  
   Mines and Metallurgy, 217-257  
   Nurses, 114  
   Social economy, 143  
 School supervision, 166  
 Secondary schools, honor graduates from, 53

Short course in agriculture,  
   for farmers, 84  
   for women, 87  
   Two-year Winter, 84  
 Societies,  
   Fraternities and Sororities, 62  
   Literary and scientific, 62  
   Honorary, 62  
 Sociology, 212  
 Soils, 214  
 Sororities, 62  
 Spanish, 210  
 Special students, 37  
   School of Law, 105-108  
 Spring-Summer term, 149  
 State Military School, 146-148  
 Structural engineering, 159  
 Student activities,  
   Regulations governing, 61  
 Students,  
   summary of enrollment, 258  
 Studies, regulation of, 64  
   Extension division, 64  
   number of hours, 64  
   other divisions, 64  
 Study cards, 38  
 Summer term (see Spring-Summer Term), 149  
 Surgery, clinical medicine and, 162

## —T—

Teachers, recommendation of, 99  
 Term divisions of calendar, 19  
 Testing and experimental engineering,  
 Topographical engineering, 159  
 Tuition, 40  
 Two-year Winter Course in Agriculture

## —U—

Uniforms, military, 148  
 Union, Missouri, 63  
 Units, Definition of, 23-31  
 University calendar,  
   at Columbia, 3  
   at Rolla, 3  
 University Assembly, 63  
 University Co-operative Store, 63

## —V—

Veterinary science, 215  
 Visitors, board of, 6  
 Vocational agriculture, 79  
 Vocational home economics, 98

## —W—

Women,  
   Agriculture for, 81  
   Dormitory for, 48  
   Gymnasium, 18  
   Provision for, 61  
   Short course for, 87

## —Y—

Y. M. C. A., 62  
 Y. W. C. A., 63

## —Z—

Zoology, 215









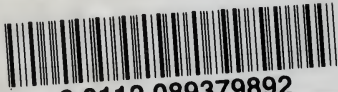




UNIVERSITY OF ILLINOIS-URBANA

C.M693 UH C001 1921/22

Annual announcement and catalogue of the



3 0112 089379892